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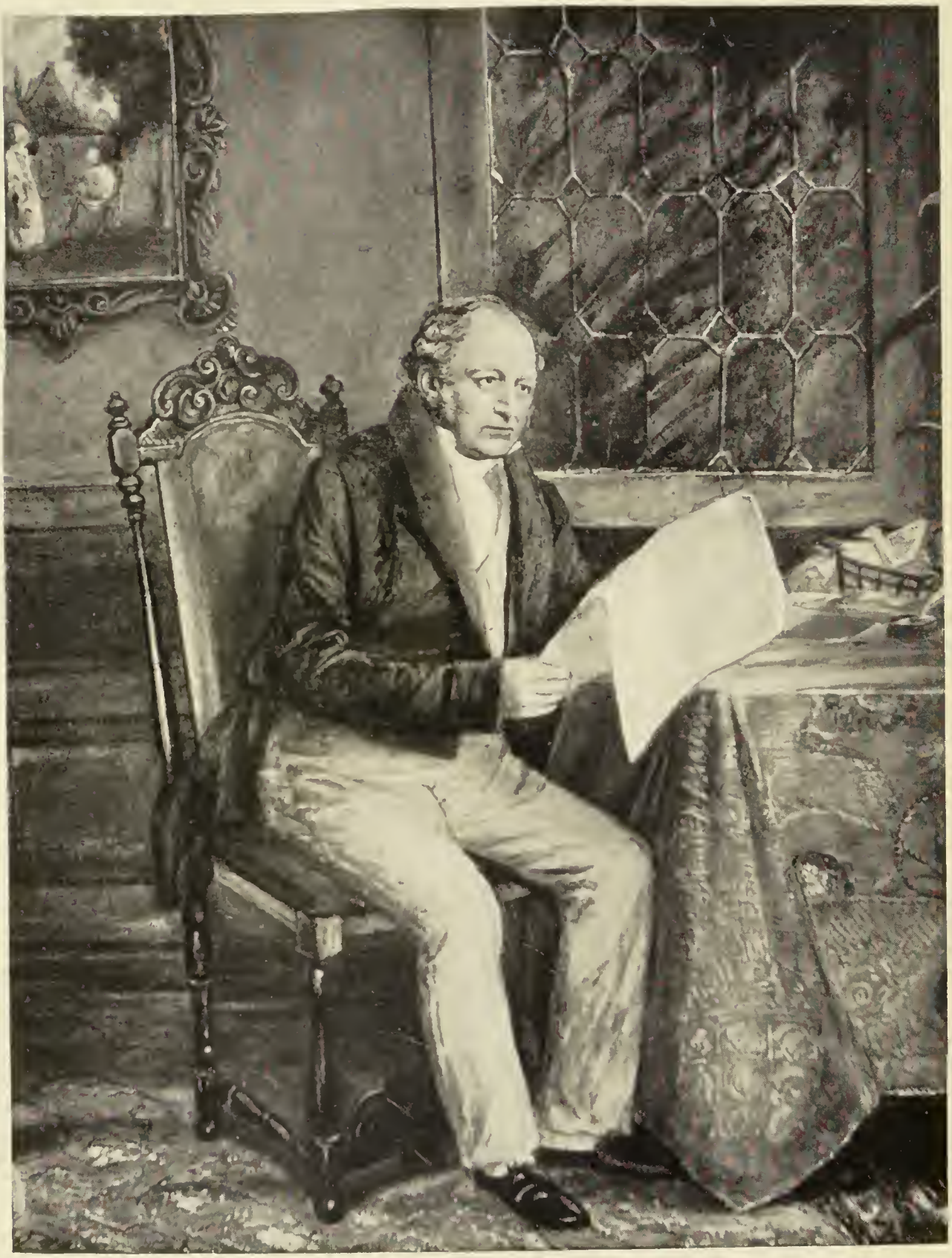

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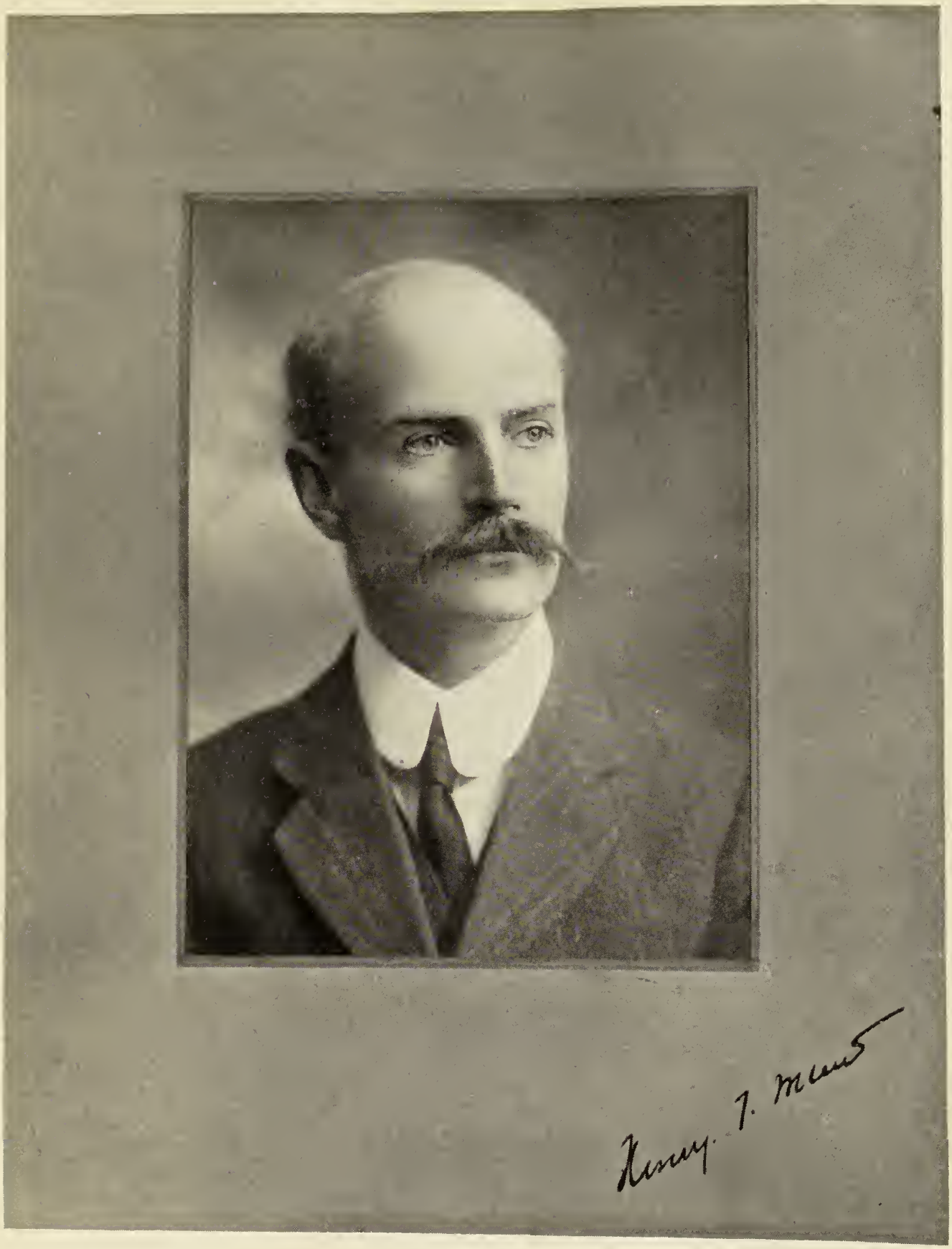

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Director of
Instrument Department.

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· CATALOGUE · OF ·

SURGICAL INSTRUMENTS & APPLIANCES, ASEPTIC HOSPITAL FURNITURE AND SURGICAL DRESSINGS, ETC., ETC.

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PREFACE

THE following Catalogue is intended primarily for the use of the medical profession, and the prices quoted are strictly wholesale. The aim throughout has been to afford an easy means of reference to all instruments and apparatus in general use, at the same time bringing to the notice of the practitioner all the more modern appliances designed for use both in general surgery and in its special branches.

With this object in view it has been thought possible, without in any way detracting from the thoroughly up-to-date character of the work, to omit from it illustrations of many instruments and appliances of obsolete pattern or doubtful utility. Thus limited as to subject matter, the Catalogue assumes but moderate proportions, and will, it is believed, be found correspondingly useful and easy of reference.

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MAW'S

ILLUSTRATED CATALOGUE

OF

SURGICAL INSTRUMENTS

—AND APPLIANCES.—

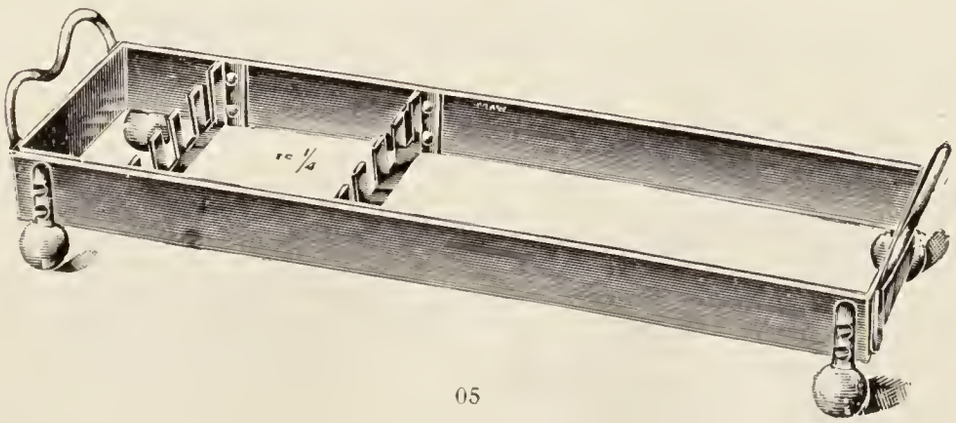
INSTRUMENTS FOR GENERAL SURGERY.

02

No.		£	s.	d.
	Amputation Knives, solid forged—			
01	Catlin	0	6	6
02	Liston's .. .. 5 in., **7/-**; 6 in., **7/6**; 7 in., **8/6**; 8 in.	0	9	0

03

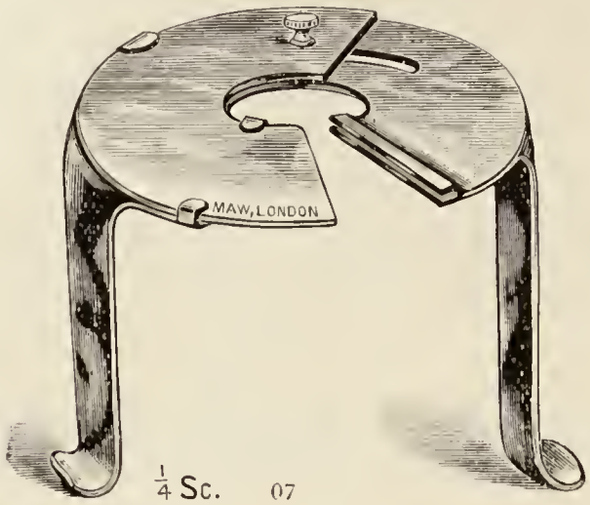
03	Symes's, for ankle joint, etc.	0	7	0
04	**Amputation Knife Boxes,** wood, unpolished for 1, **1/3**; 2, **1/6**; 3, **1/9**; 4, **2/6**; 6	0	3	0



05

05	**Amputation Knife Racks,** nickel-plated, with feet for 4, **20/-**; for 6	1	1	0
06	**Amputation Pins,** Wyeth's, nickel-plated, for securing the flaps after amputation at the hip joint .. .. .. per pair	0	3	6

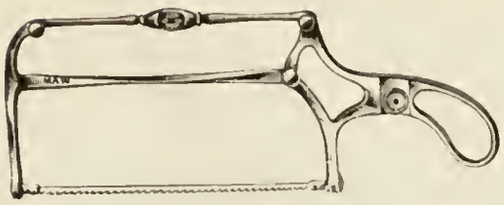
Instruments for General Surgery—Contd.—



¼ Sc. 07

No.		£	s.	d.
07	**Amputation Retractor,** Raper's, for withdrawing the flaps of an amputation wound whilst the bone is being sawn through ..	1	10	0

09



08

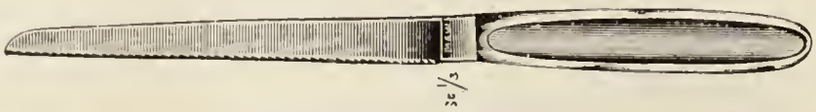
010

Amputation Saws, with metal handles—

08	Butcher's, for amputation and resection, aseptic, to take apart, with spare blade	1	15	0
09	Wide blade, Army pattern	0	13	6
010	Do., Navy pattern, to take apart	1	4	6

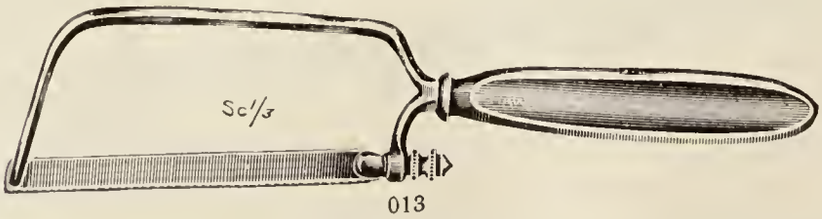
011

011	Fergusson's, with jointed back, Army pattern	0	11	0
	Do. small (see page 40).			



012

012	Metacarpal Saw, solid forged	0	3	9



013

013	Metacarpal Saw, frame pattern, solid forged	0	9	0

(*For other Saws, see pages* 40, 50 *and* 51.)

Instruments for General Surgery—Contd.—

014

No.	**Aneurism Needles,** solid forged—	£	s.	d.
014	Ordinary pattern	0	2	3

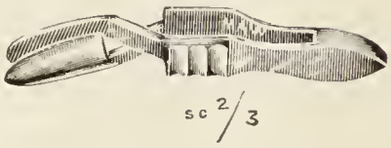
015

015	Rectangular	0	2	6

016

016	Dupuytren's	0	2	6

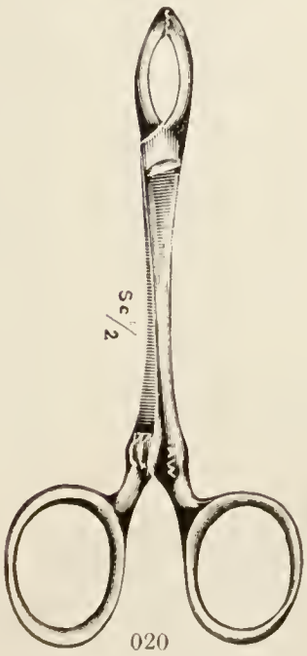
017



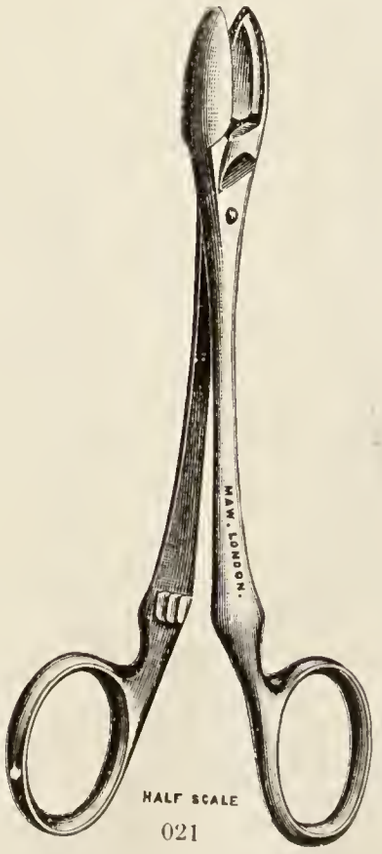
018

Artery Forceps—

017	Bland Sutton's, 7 in., with long jaws, box joint, 8/-; screw joint	0	7	0
018	Dieffenbach's or "Bull Dog," fluted	0	2	0
019	Do. do., with fine points	0	2	0



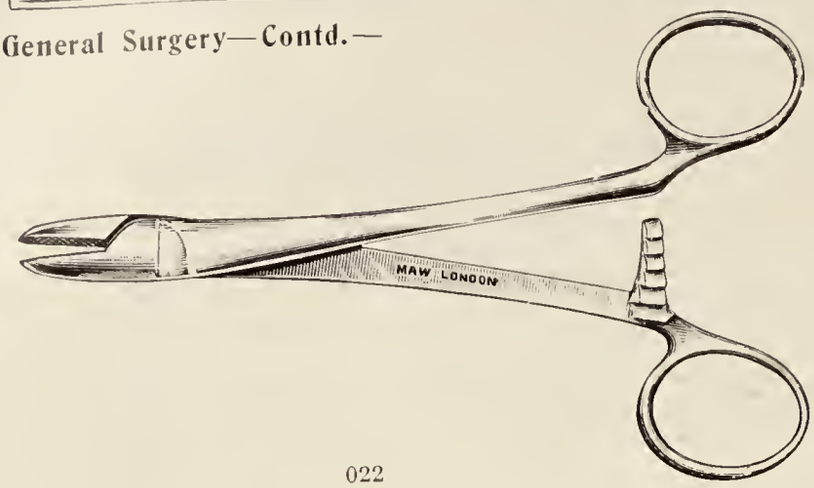
020



021

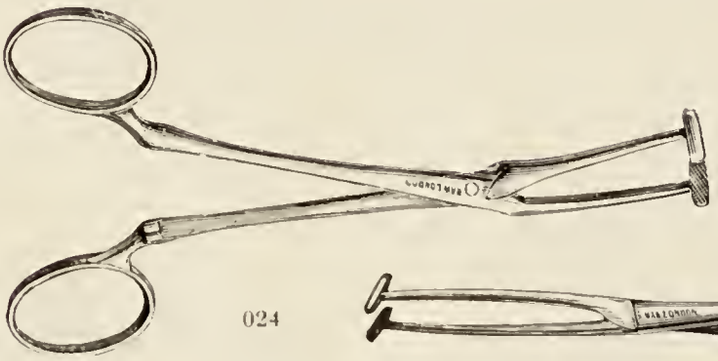
020	Burghard's, with disjointing blades..	0	5	6
021	Chiene's, with raised rim on one jaw fitting into groove on the other	0	8	6

Instruments for General Surgery—Contd.—

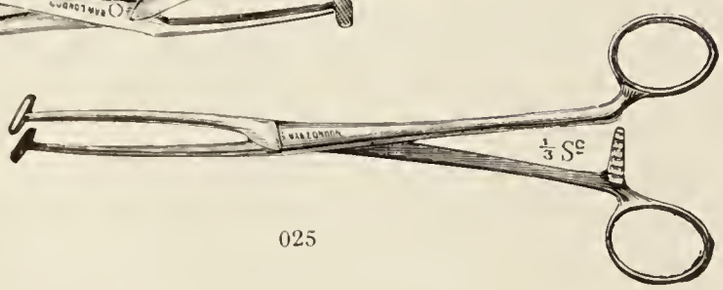


022

No.	Artery Forceps—Contd.—	£	s.	d.
022	Doyen's, with disjointing blades, 5 in.	0	8	6
023	Do. do, "B" quality	0	2	0

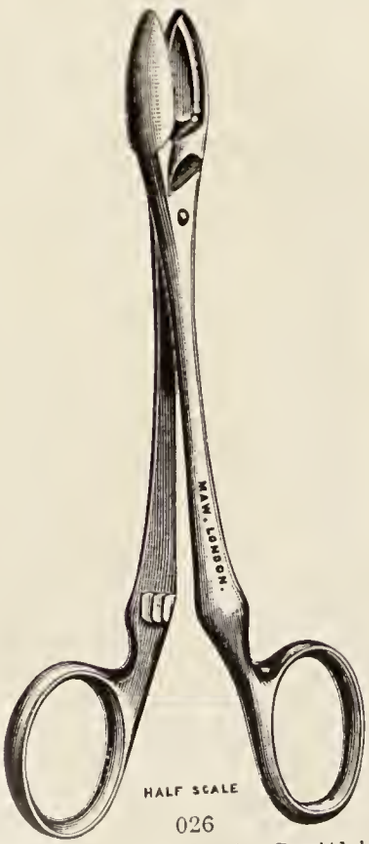


024

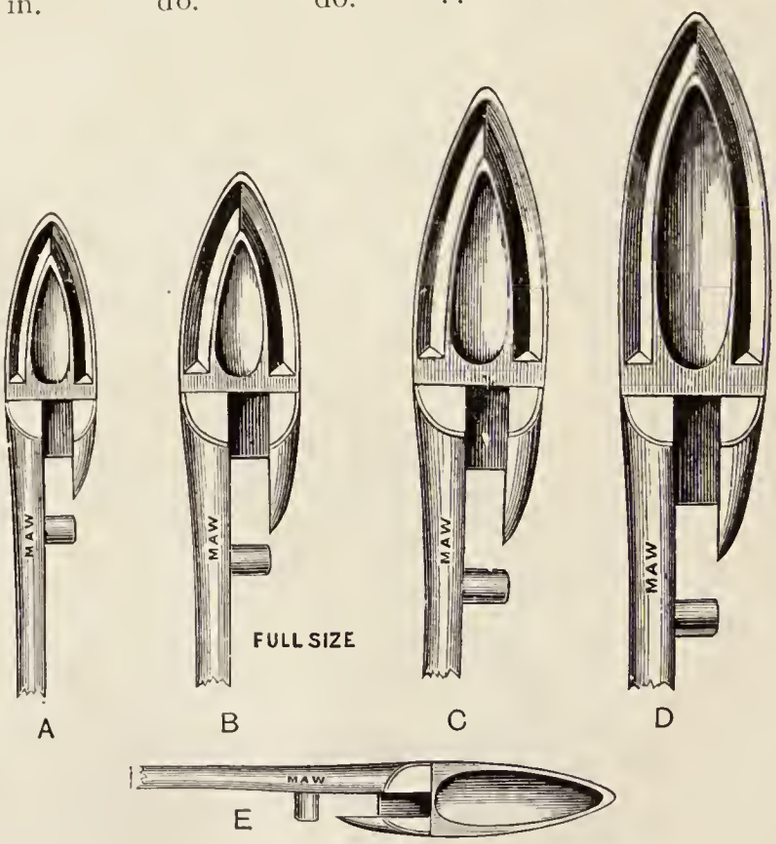


025

024	Elder's angular, 5 in., with disjointing blades	0	8	6
025	Do. straight, 8 in. do. do.	0	12	0

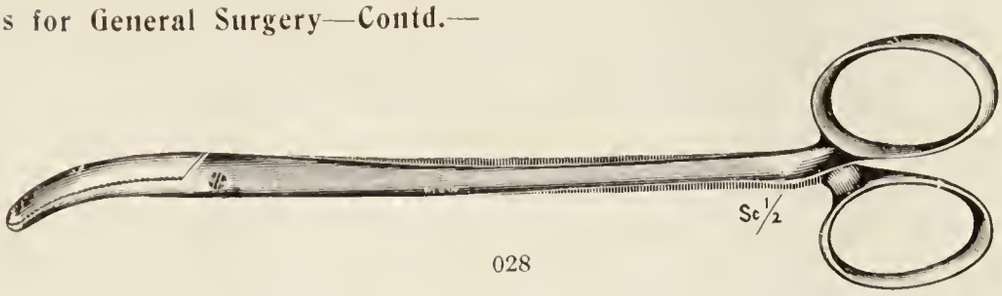


026



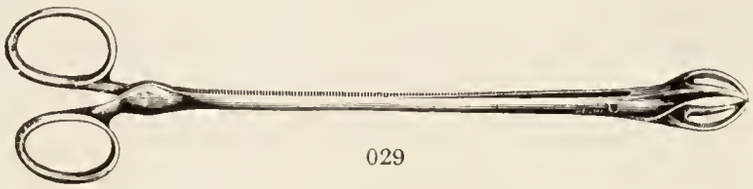
026	Greig Smith's, disjointing—A, 5 in., 7/6; B, 6 in., 9/-; C, 7 in., 10/6; D, 8 in.	0	12	0
026a	Do. do., E, 5 in., with single groove for peritoneum	0	7	6
027	Do. do., angle on flat, 8 in.	0	15	0

Instruments for General Surgery—Contd.—



028

No.	Artery Forceps—Contd.—	£	s.	d.
028	Harrison Cripp's, 6½ in.	0	9	0

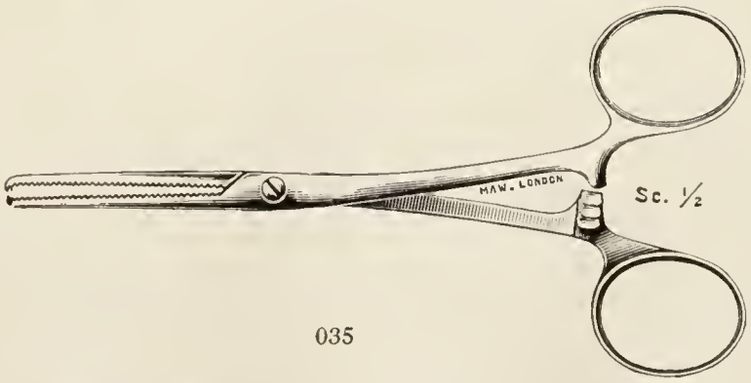


029

029	Hellier's, 8 in., disjointing	0	10	6
030	Horsley's, disjointing, with extra stout bows, to act as a weight and thus draw apart the edges of an incision, in place of Retractors	0	6	0
031	Ionide's, 8 in., with box joint	0	8	0

032 033 034

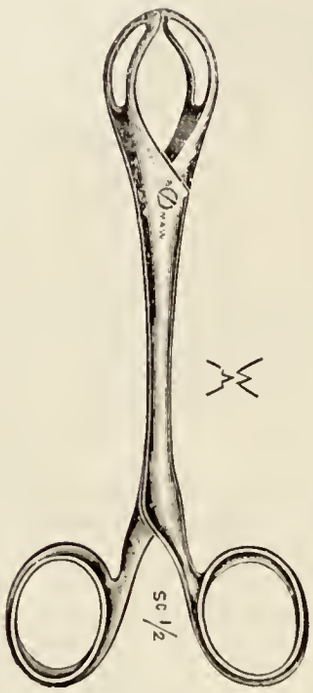
032	Jordan Lloyd's, with disjointing blades	0	6	6
033	Kelly's, with fine serrated jaws	0	4	6
034	Do., "Mosquito" pattern, with tenaculum points	0	4	6



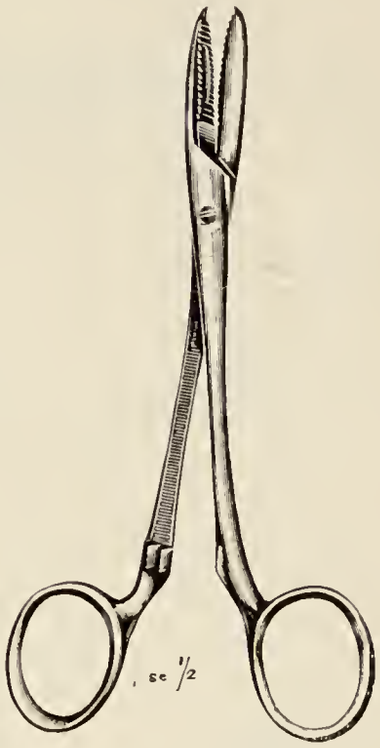
035

035	Kocher's,	with screw joint, 5 in.	0	5	6
036	Do.	with take-off joint, 5 in., 2 qualities each, 2/- and	0	6	6
037	Do.	with box joint .. .. .. 5 in., 6/9; 8 in.	0	10	0
038	Do.	angular, 8 in.	0	10	6

Instruments for General Surgery—Contd.—

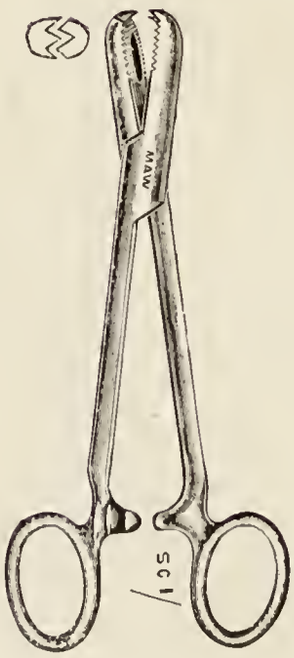


039

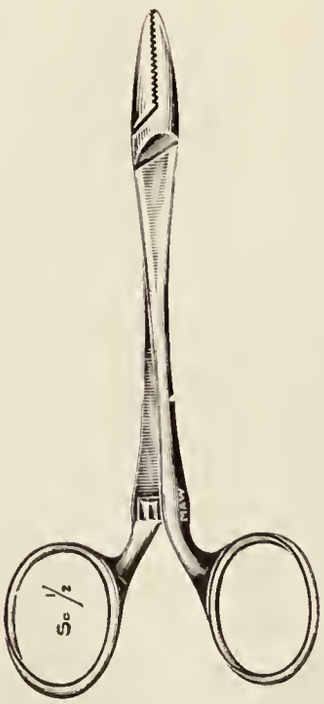


041

No.	Artery Forceps—Contd.—	£	s.	d.
039	Lane's Tissue Forceps, with screw joint, 5 in.	0	6	0
040	Do. do. do., with take-off joint	0	7	3
041	Lane's modification of Spencer Wells's, with tenaculum points..	0	6	0
042	Do. do. do., with box joint 5 in., 7/-; 7 in.	0	8	3
043	Do. do. do., 7½ in. with box joint and wide bows	0	10	6



044

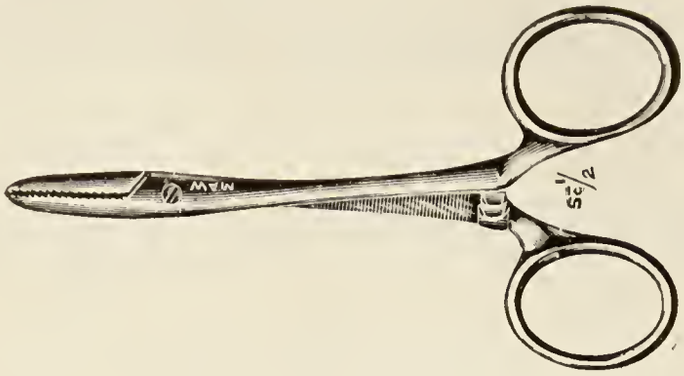


045

047

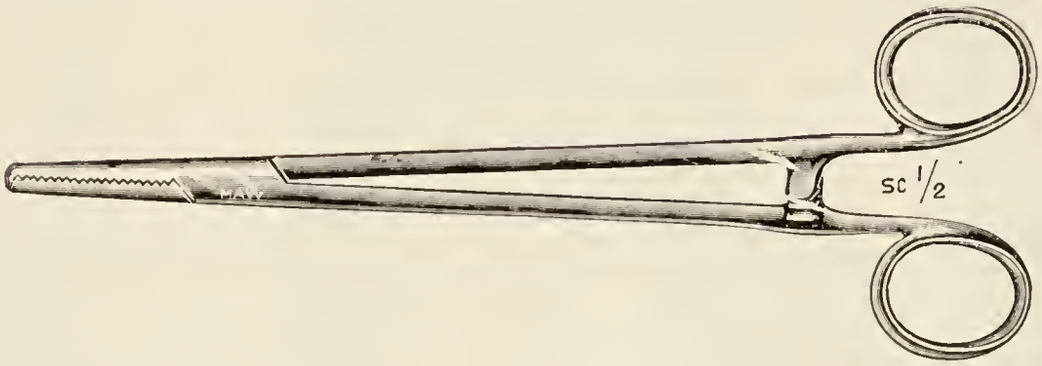
044	Lane's "Bull-Dog" Forceps, with box joint, 7 in.	0	9	0
045	Lawson Tait's, with disjointing blades	0	5	0
046	Do. with screw joint	0	4	0
047	Liston's improved, Navy pattern, fluted, 3½ and 5 in... each	0	4	6

Instruments for General Surgery—Contd.—



048

No.	Artery Forceps—Contd.—	£	s.	d.
048	Littler Jones's, with large bows	0	4	6



049

049	Ochsner's, with box joint, 7 in.	0	10	0
050	Do., modified by Lane, 8 in., with long jaws and large bows	0	10	0

051

051	Spencer Wells's, with disjointing blades, 3 in., 4½ in. or 5 in. ..	0	5	0
052	Do. do. do., 6 in.	0	7	0
053	Do. do. do., 2nd quality, English make, 4½ or 5 in. ..	0	4	0
054	Do. do. do., "B" quality, 5 in. ..	0	2	0
055	Do. with screw joint, 3 in., 4½ in. or 5 in.	0	4	0
056	Do. do. do., 6 in.	0	6	0
057	Do. do. do., 2nd quality, English make, 4½ or 5 in.	0	3	0
058	Do. do. do., "B" quality, 5 in.	0	1	9
059	Do. with box joint, 5 in.	0	5	0

060

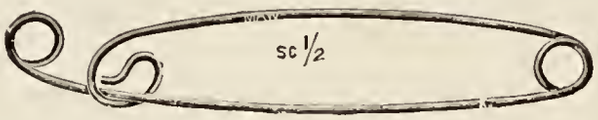
062

060	Spencer Wells's, angular, with screw joint, 5 in.	0	5	3
061	Do. do., with disjointing blades, 5 in.	0	6	3
062	Do. angle on flat, with screw joint, 5 in.	0	5	3
063	Do. do., with disjointing blades, 5 in. ..	0	6	3

Instruments for General Surgery—Contd.—

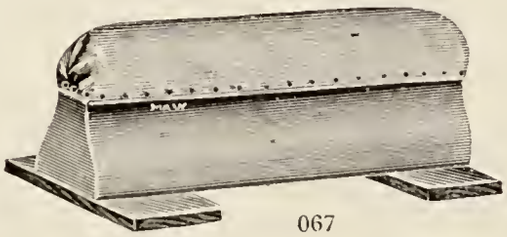
064

No.	**Artery Forceps—Contd.—**	£	s.	d.
064	Spring catch, fenestrated, 4½ or 5 in.	0	4	6
065	Do. do., disjointing, 5 in.	0	6	9



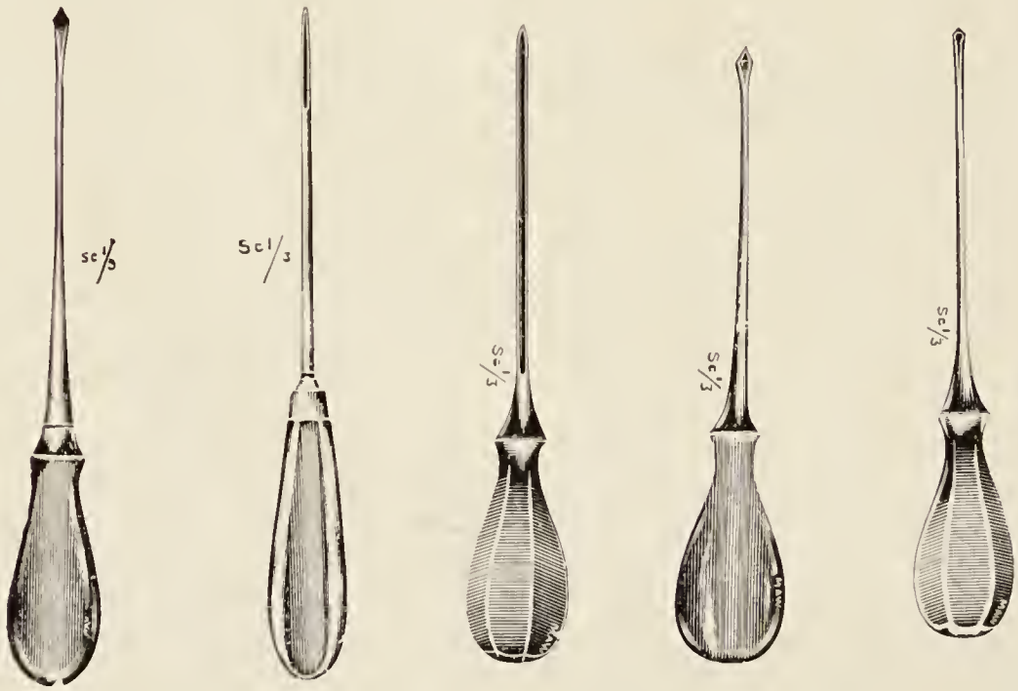
066

066	**Artery Forceps' Pins,** Steel, for holding together artery forceps, scissors, etc., during sterilization .. .. per doz.	0	9	0



067

067	**Bandaging Block,** Volckmann's, white enamelled, for raising the patient's pelvis whilst bandaging on the operating table or bed	0	6	0



068 069 070 071 072

Bone Awls, with metal handles—

068	Lane's, 3 sizes .. .. each	0	5	0
069	Peters's, half grooved	0	6	0
070	With long groove	0	7	0
071	With eye at point, 3 sizes .. .. each	0	5	6
072	With eye and groove for wire	0	5	6

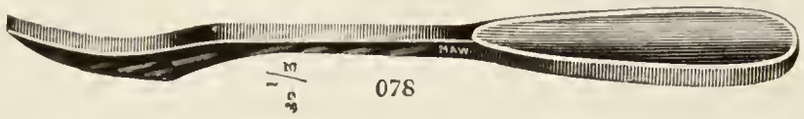
073

Bone Drills—

073	Archimedean, with metal handle and set of 3 points, assorted sizes	0	15	0

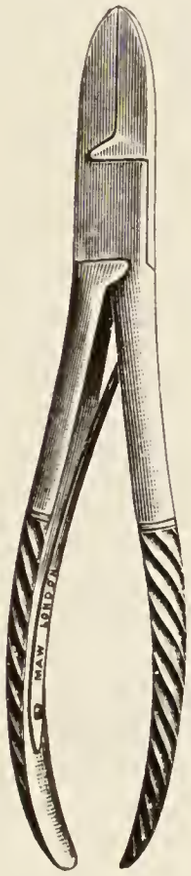
Instruments for General Surgery—Contd.—

No.	**Bone Drills—Contd.—**	£	s.	d.
074	Langenbeck's Brace, with set of 3 drills	0	18	0
075	Spare drills, 3 sizes .. .. each	0	2	3
076	Morse twisted drills, 6 sizes, $\frac{5}{64}$ to $\frac{10}{64}$ in. .. .. .. ,,	0	2	3
077	Steel drill points to fit dental engine or motor .. .. ,,	0	0	6



078

078	**Bone Elevator,** Wheelhouse's, for Excision of Hip, Ribs, etc... ..	0	6	6



079

082

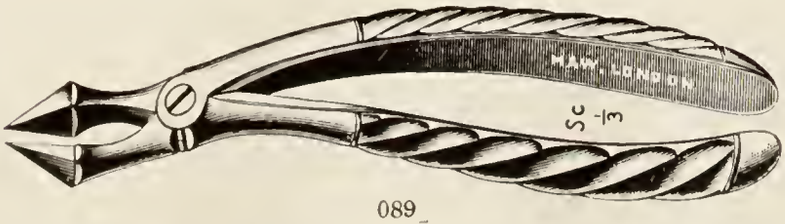
084

087

Bone Forceps, with spring—

079	Liston's, straight, disjointing, 2 sizes .. 6 in., **10/-**; 8 in.	0	12	0
080	Do. do. do. "B" quality, 7½ in.	0	6	0
081	Do. do. with screw joint, 2 sizes .. 6 in., **8/-**; 8 in.	0	10	0
082	Do. angular, right or left, with screw joint, 8 in.	0	10	9
083	Do. do. do., disjointing, 8 in.	0	12	9
084	Do. curved on flat, with screw joint, 8 in.	0	10	9
085	Do. do., disjointing, 8 in.	0	12	9
086	Do. do. do., "B" quality, 7½ in. ..	0	6	0
087	Do. flat angular, disjointing, 8 in.	0	12	9
088	Do. do., with screw joint, 8 in.	0	10	9

If supplied without spring, 9d. each less.

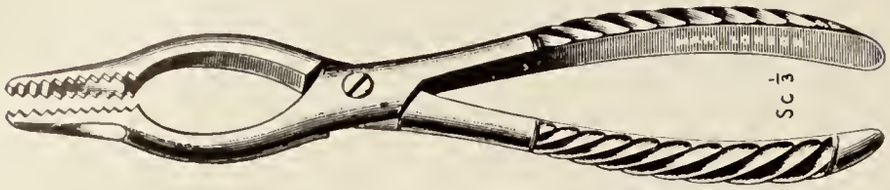


089

Bone Forceps, without spring—

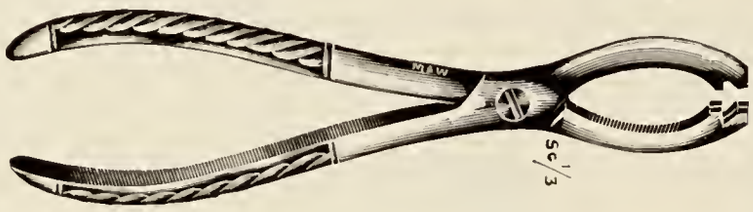
089	Horsley's, with prismatic points, heavy pattern	0	15	0
090	Do. do. do., light pattern	0	10	6
091	Do. do. do., extra powerful, 11½ in.	1	2	6

Instruments for General Surgery—Contd.—



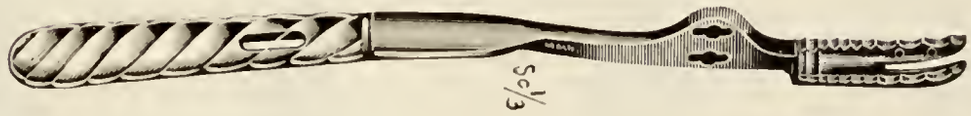
092

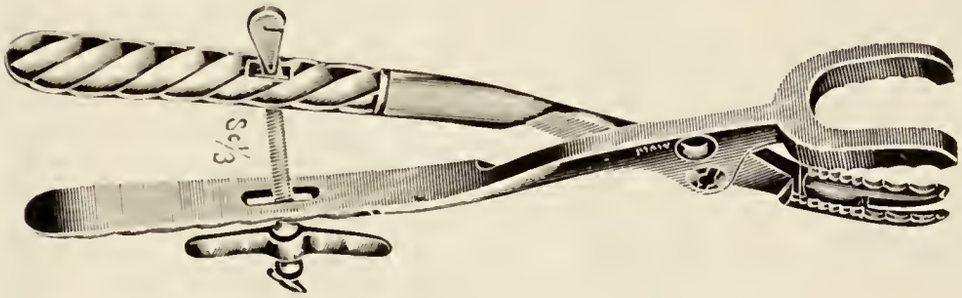
No.	**Bone-Holding Forceps,** " Lion "—	£	s.	d.
092	Davy's	0	11	6



094

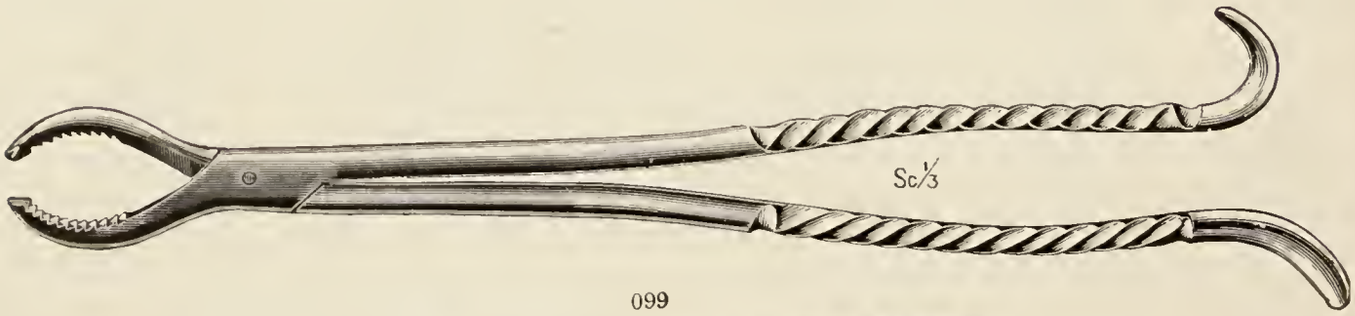
093	Farabœuf's	0	13	6
094	Fergusson's, 2 sizes .. .. $6\frac{1}{2}$ in., **7/-**; 8 in.	0	8	6
095	Do. with blades to take apart, 8 in.	0	10	6
096	Do. do. do., " B " quality	0	5	0





097

097	Peter's, with 3 limbs	1	10	0
098	**Bone Pegs,** Ivory, for Ununited Fractures, etc., pointed at one end, 2 sizes .. ..per doz., 3 in., **5/-**; 6 in.	0	7	0

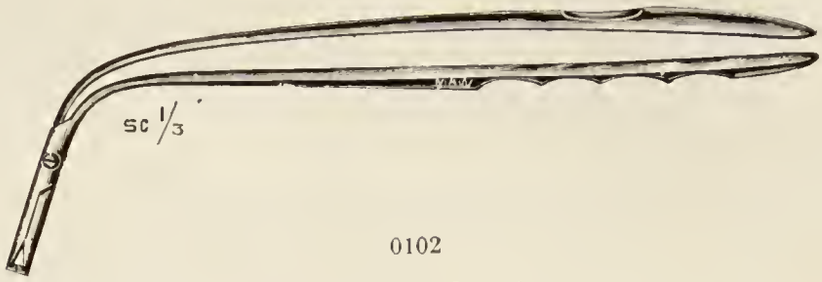


099

0101

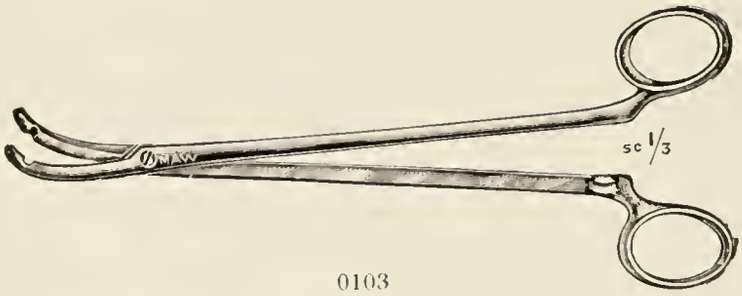
	Bone-Screwing Instruments, etc., Lane's—			
099	Bone-holding Forceps, 15 in.	1	6	6
0100	Do. do., 12 in.	1	5	6
0101	Do. do., light pattern, 8 in	0	11	6

Instruments for General Surgery—Contd.—



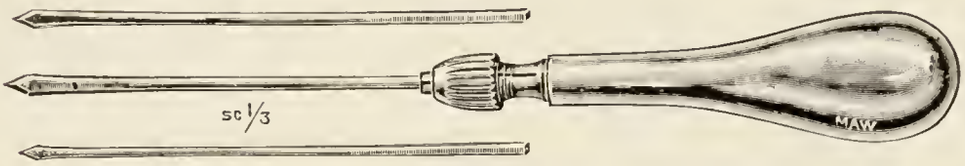
0102

No.	**Bone-Screwing Instruments,** Lane's—**Contd.**—	£	s.	d.
0102	Plate-holding Forceps	0	8	6



0103

0103	Screw-holding Forceps	0	7	6

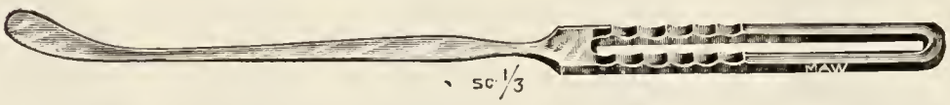


0104

0104	Awls, set of 3 fitting one handle	0	13	6

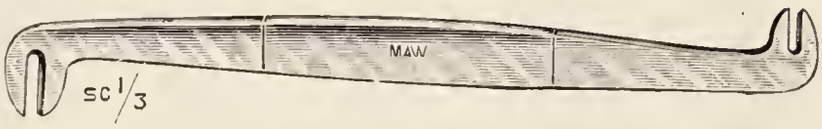
0105

0105	Bone Lever for small bones..	0	8	6



0106

0106	Periosteal Detacher, with blunt end	0	7	6

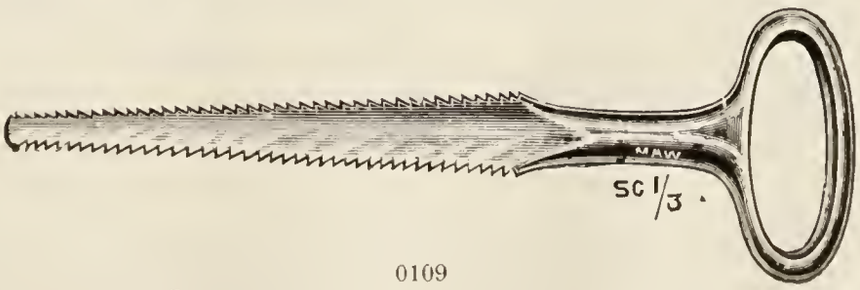


0107

0107	Plate Wrench or Bender	0	4	6

0108

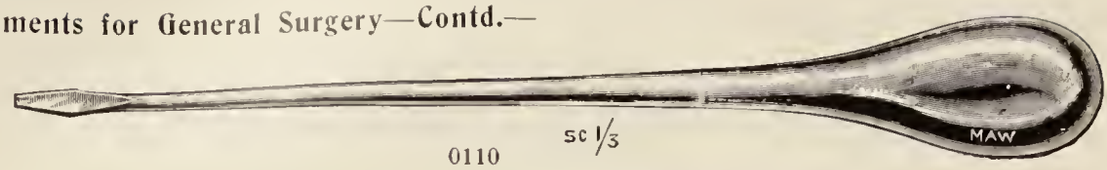
0108	Bone Lever (two required) .. .. each	0	13	6



0109

0109	Rotary Bone Lever	0	10	6

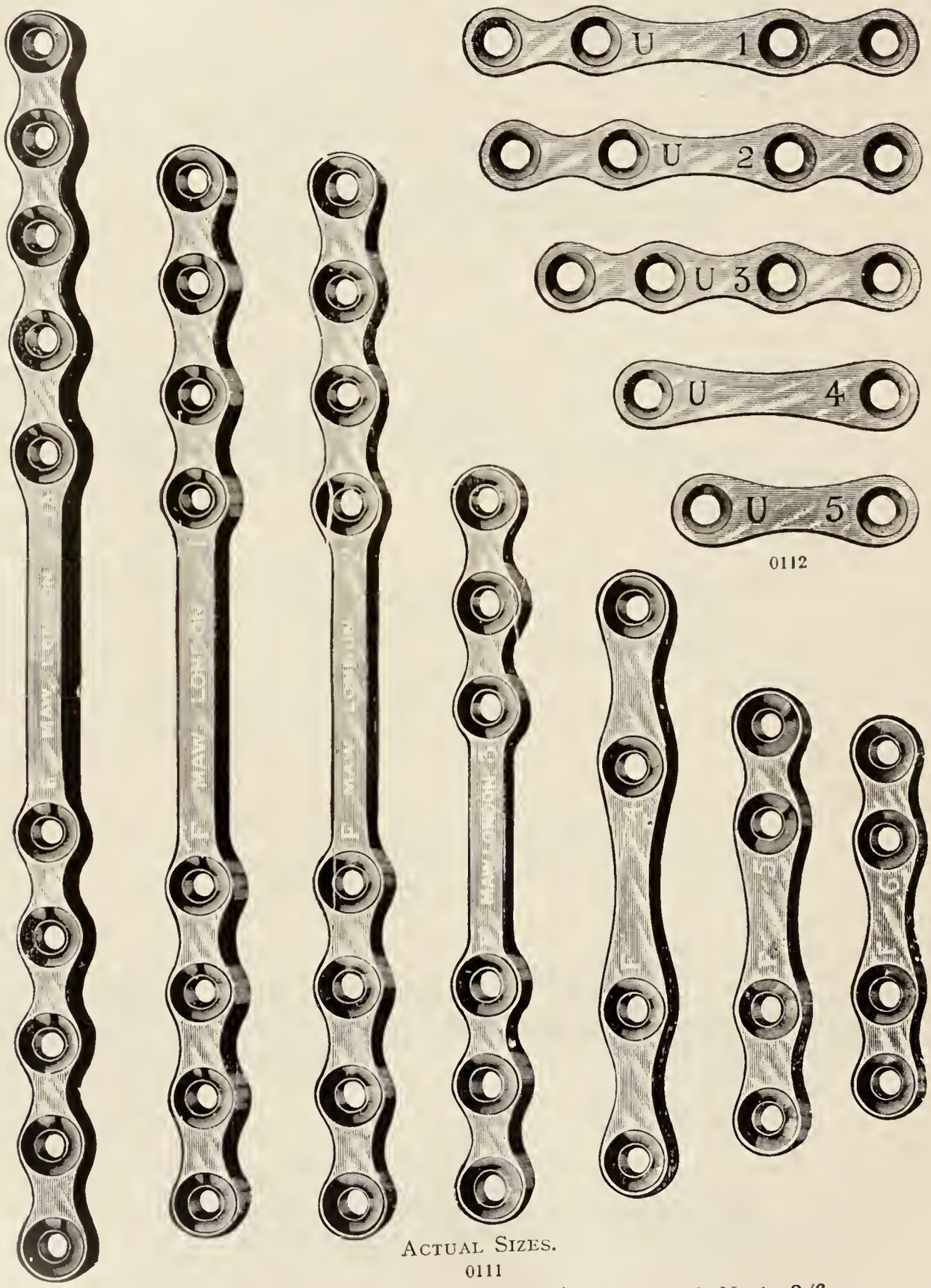
Instruments for General Surgery—Contd.—



sc 1/3

0110

No.	Bone-Screwing Instruments, Lane's—Contd.—	£	s.	d.
0110	Screw Driver	0	7	6



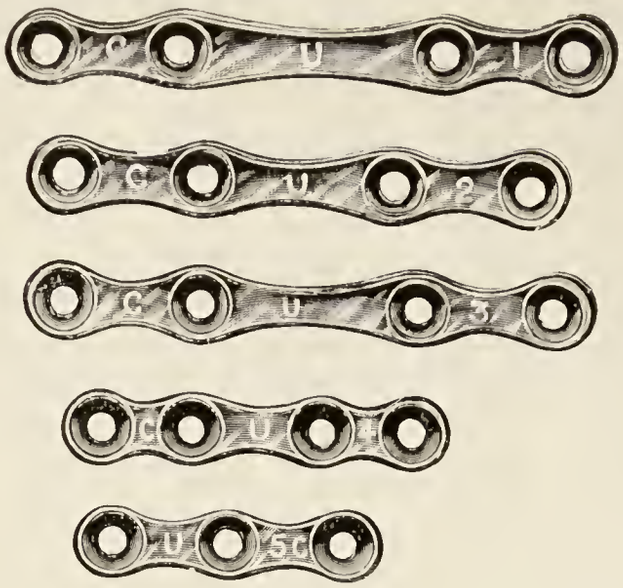
0112

ACTUAL SIZES.

0111

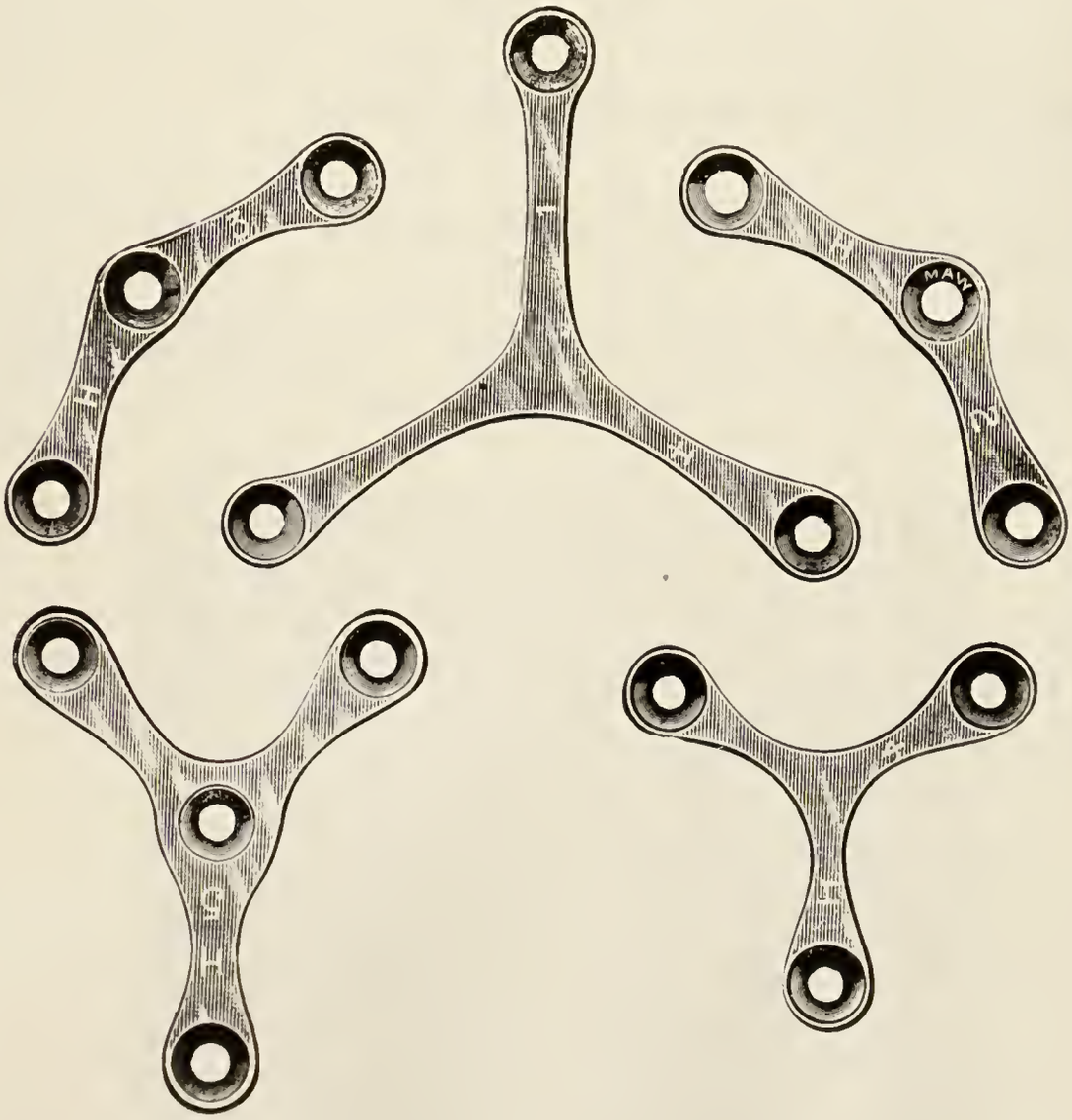
0111	Fracture Plates, Series F., for Femur—soft or hard, each, No. 1a, 2/6; No. 1, 2/-; No. 2, 2/-; No. 3, 2/-; No. 4, 1/6; No. 5, 1/-; No. 6	0	1	0
	Nos. 1A and 1 are 3/16th in. thick, and the others ⅛ in.			
0112	Fracture Plates, Series U., for Ulna, sizes 1-5 .. .. each	0	1	0

Instruments for General Surgery—Contd.—



0113

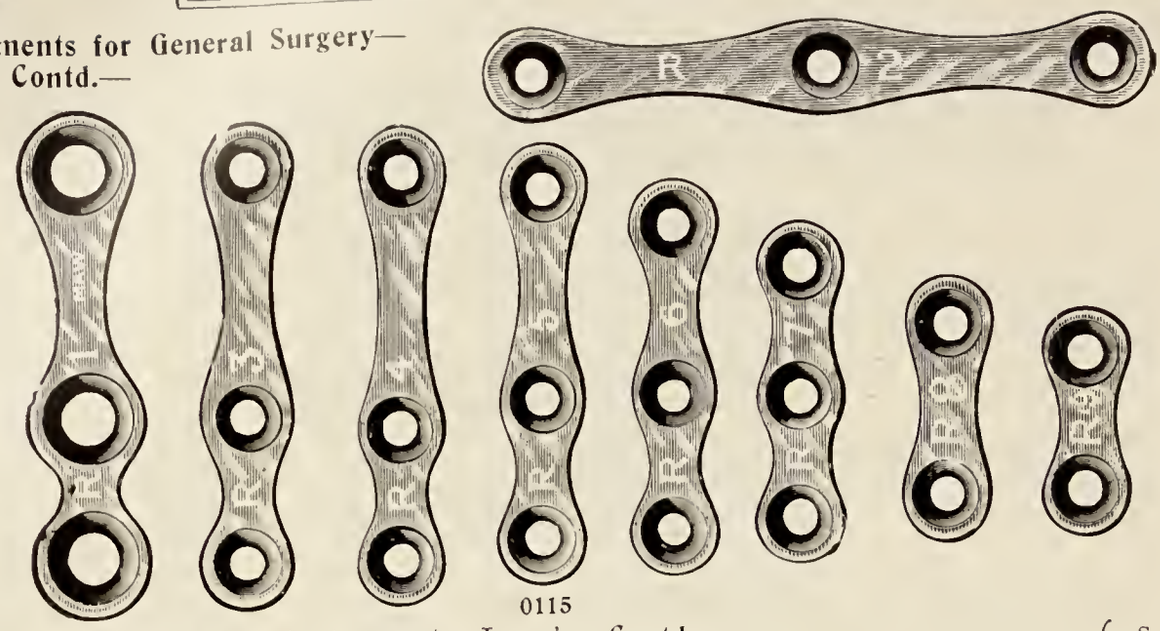
No.	Bone-Screwing Instruments, Lane's—Contd.—	£	s.	d.
0113	Fracture Plates, Series C.U., for Child's Ulna, light gauge, Nos. 1-5 each	0	1	0



0114

0114	Fracture Plates, Series H., for Humerus, No. 1, 1/6; No. 2, 1/3; No. 3, 1/3; No. 4, 1/5; No. 5	0	1	6

Instruments for General Surgery—Contd.—



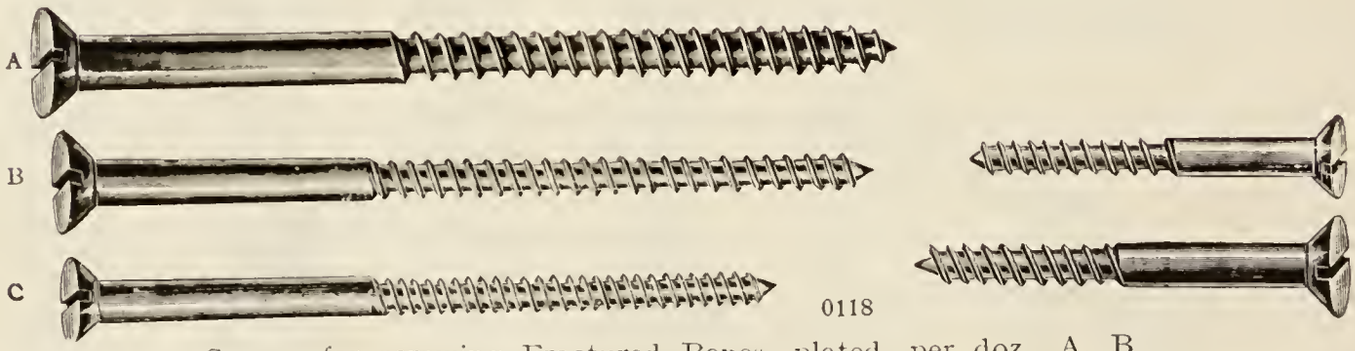
0115

No.	**Bone-Screwing Instruments,** Lane's—**Contd.**—	£	s.	d.
0115	Fracture Plates, Series R., for Radius, Nos. 1-9 .. .. each	0	1	0
0116	Do. do. do., light gauge for children ,,	0	1	0

0117 0117

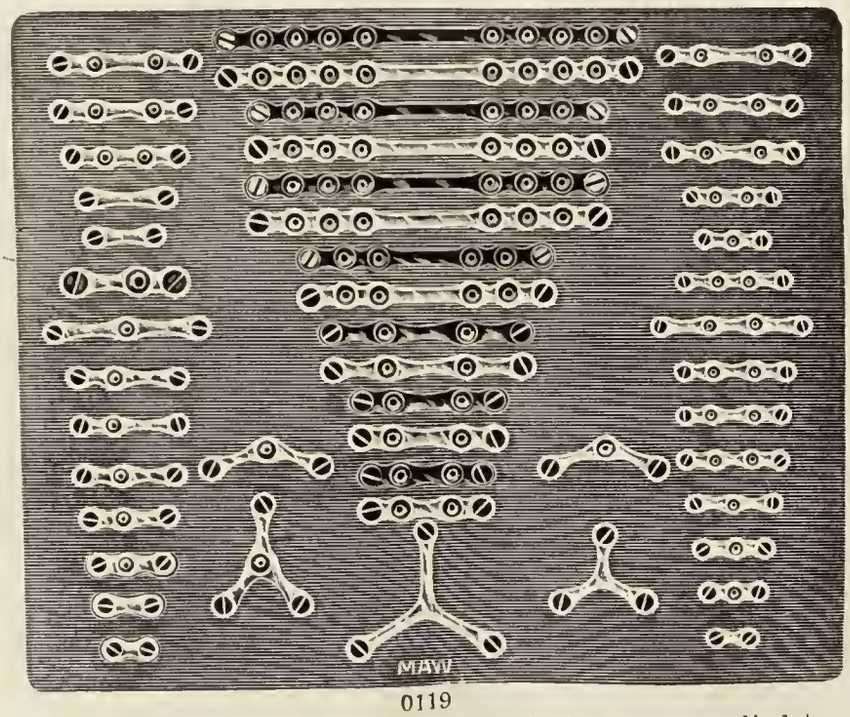
Size 3, ½ in. Size 5, ⅝ in. Size 7, ½ in.

0117	Screws for use with Fracture Plates, Size 3, ⅜ and ½ in., Size 5, ½ and ⅝ in., Size 7, ½ and ⅝ in. .. .. .. per doz.	0	0	2



0118

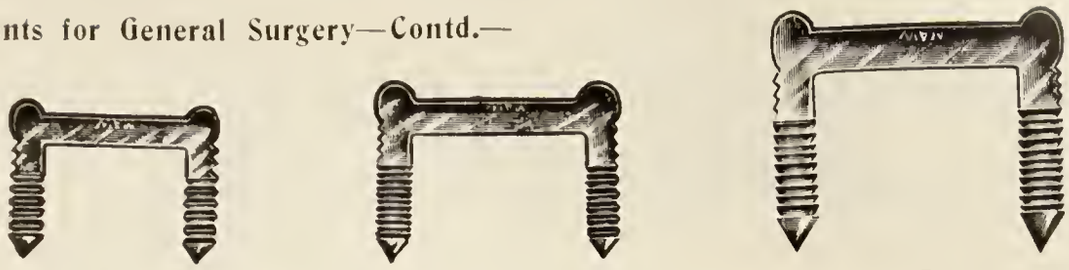
0118	Screws for screwing Fractured Bones, plated, per doz., A, B and C, 1/9; D and E	0	1	6



0119

0119	Fracture Plates, complete set on metal plate, as supplied to most of the London and Provincial Hospitals .. .. per set	3	10	0

Instruments for General Surgery—Contd.—

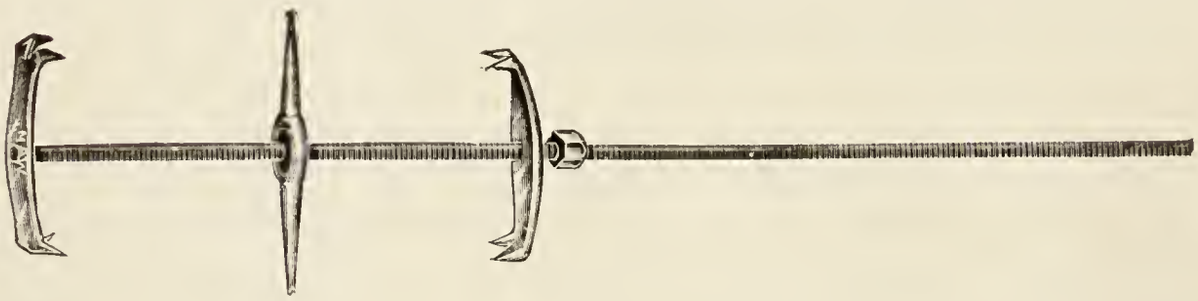


A B C

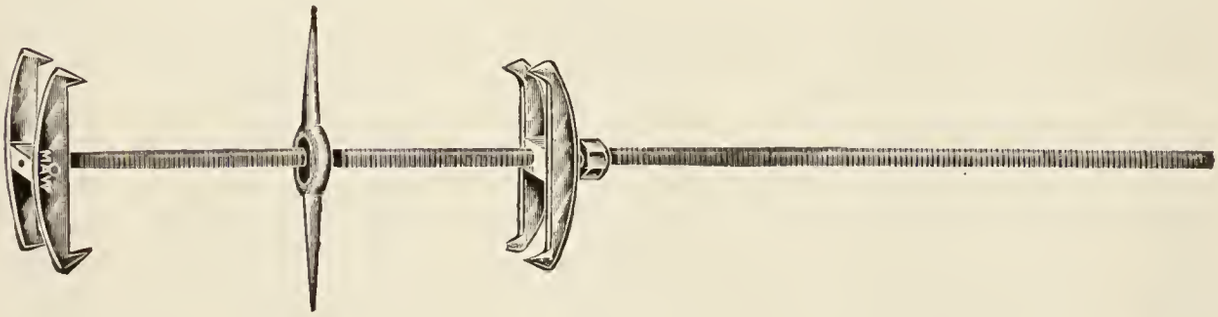
0120

0121

No.	**Bone-Screwing Instruments, etc.—Contd.—**		£	s.	d.
0120	Staples, Dujarier's, 3 sizes, A, B and C	per doz.	0	15	0
0121	Punches, Jones's, for introducing above, 3 sizes..	.. each	0	5	6
0122	Aluminium Sheets, 8× 3 in., perforated	per doz.	0	12	0
0123	Tacks, nickel-plated, for securing the above ..	per gross	0	3	0



0124



0126

0127

0124	Clamps, for Fractures, Anderson's, double toothed, $\frac{3}{4}$, $\frac{7}{8}$ or 1 in. each	0	7	6
0125	Do. do. do., single toothed, $\frac{3}{4}$, $\frac{7}{8}$ or 1 in. ,,	0	6	6
0126	Do. do. do., double winged, $\frac{3}{4}$, $\frac{7}{8}$ or 1 in. ,,	0	12	6
0127	Key for use with above	0	4	0
0128	Spare Medullary Spikes .. .. each	0	2	0
0129	Medullary Spikes for use without Clamp..	0	1	0

INSTRUCTIONS FOR USE.

The jaws grasp the bone on either side of the fracture, and are placed, one superficially, the other deeply. They are joined by a tension-screw of fine steel, which pierces the pivots and passes directly through the line of fracture, to the obliquity of which it accommodates itself accurately. The tension wire, some three or four inches long, is finely threaded and provided with a minute nut, which can be screwed down, thus clamping the jaws firmly home to any required position, after which any surplus is filed off and discarded.

Instruments for General Surgery—Contd.—

0130

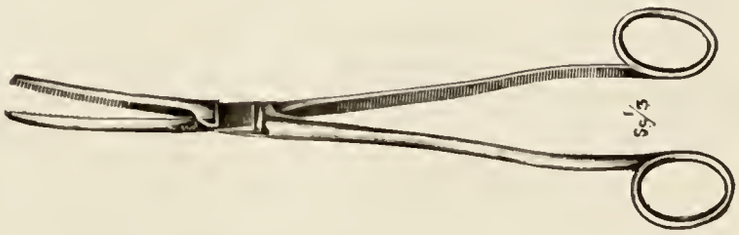
No.		£	s.	d.
0130	**Brain Retractor and Elevator,** Donald Armour's, for use in Krause-Hartley's operation for removal of Gasserian-Ganglion ..	0	4	6

(*See also page* 164).

0131

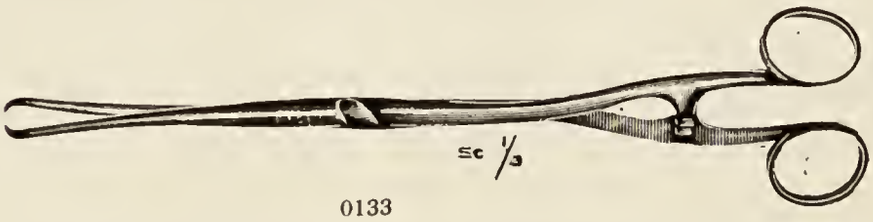
Bullet Forceps—

0131	Army pattern, light model	0	9	0



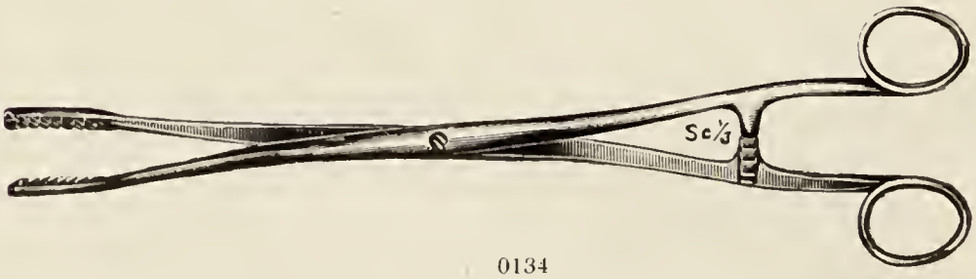
0132

0132	Egyptian Army pattern, disjointing	0	7	6



0133

0133	Fine pointed, disjointing	0	9	0



0134

0134	Maw's, registered, for conical bullets, a modification of Stevenson's model	0	9	0
0135	With scoop blades	0	7	6

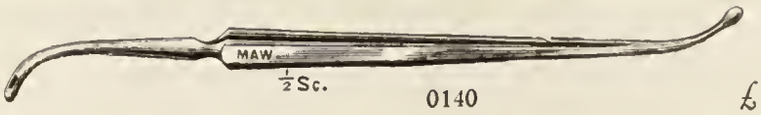
0137

Bullet Probes—

0136	Plated, 5 sizes 6 in., 1/-; 8 in., 1/3; 10 in., 1/9; 12 in., 2/-; 15 in.	0	2	6
0137	Silver, 3 sizes .. 6 in., 1/6; 8 in., 2/3; 10 in.	0	3	0
0138	Bullet Scoop double ended	0	3	0

Instruments for General Surgery—Contd.—

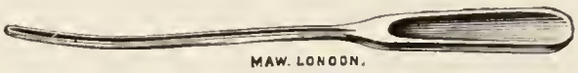
0139



0140

No.	**Directors—**	£	s.	d.
0139	Army Pattern, 8 in., steel, with scoop end	0	3	0
	Fistula (see page 213).			
	Hernia (see page 20).			
0140	Marmaduke Shields, with aneurism needle and probe, 2 sizes, 5 in., 3/6; 7 in.	0	4	0

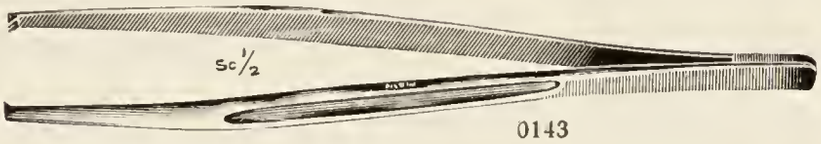
0141



0142

0141	Steel, with probe end for sinus or fistula	0	3	0
0142	Teale's, steel	0	4	0

(*For other Directors, see page* 70.)



0143

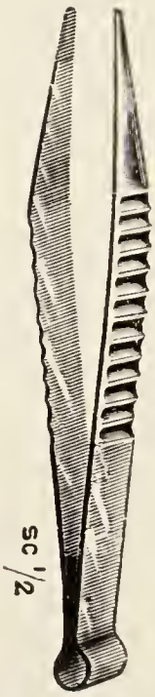
Dissecting Forceps—

0143	Leedham Green's, with "rat teeth," 5½ in.	0	4	6

0144

0147

0148



0149

0151

0144	Fluted, ordinary pattern, 5 sizes .. 3 in., 4 in., 4½ in., and 5 in., 2/3; 6 in.	0	2	6
0145	Do. do. "B" quality, 5 in.	0	1	0
0146	Do. with blades to take apart, 5 in.	0	4	0
0147	Lane's	0	4	0
0148	Mason's, with "shark's teeth," fluted, 4½ in. or 5 in.	0	3	0
0149	Pringle's, with "Tong" end, fluted, 5 in.	0	3	0
0150	Do. do., "B" quality	0	1	0
0151	Treves's, 5 in.	0	3	0

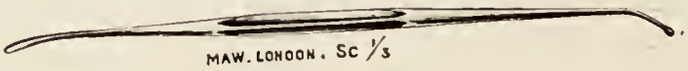
0152

0152	Victor Bonney's	0	7	6

Instruments for General Surgery—Contd.—

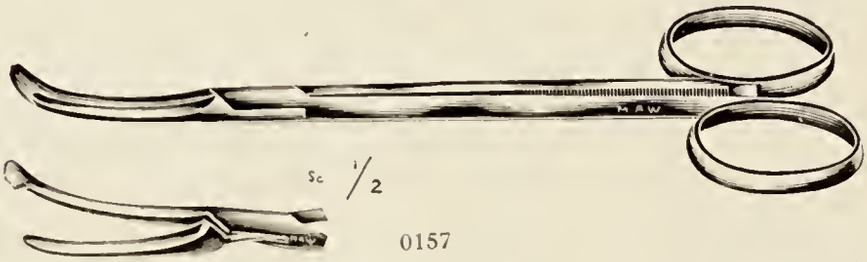
0153

0155



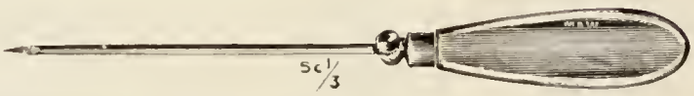
0156

No.		£	s.	d.
	Dissectors—			
0153	Durham's, fine, with fluted octagon shaft	0	3	9
0154	Do. do. combined with raspatory	0	3	9
0155	Ellis's, with fluted shaft	0	3	0
0156	Watson Cheyne's, combined with probe	0	3	9



0157

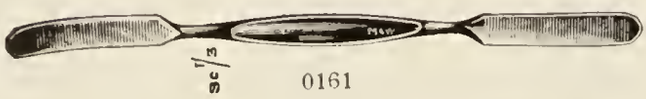
0157	**Dissector-Forceps**—Littlewood's—useful as a Blunt Dissector, Gland Enucleator, Periosteal Elevator, etc., or as Ligature Forceps	0	6	0
0158	**Drainage Tube Probe**	0	2	0



0159

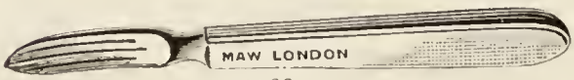
0160

0159	**Excision Pins,** set of 4 fitting one handle, as used at St. Bartholomew's Hospital	0	7	6
0160	**Dura Mater Elevator,** Victor Horsley's	0	4	0



0161

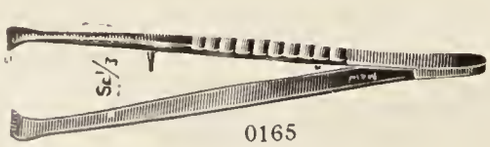
0162



0163

0164

	Gland Enucleators—			
0161	Jameson Johnston's, with one curved and one straight end ..	0	4	6
0162	Do. do., modified, with curved end pointed	0	4	6
0163	Kocher's	0	4	6
0164	Lake's, combined with scoop, 2 sizes .. 5 in., 3/-; 7 in.	0	4	6

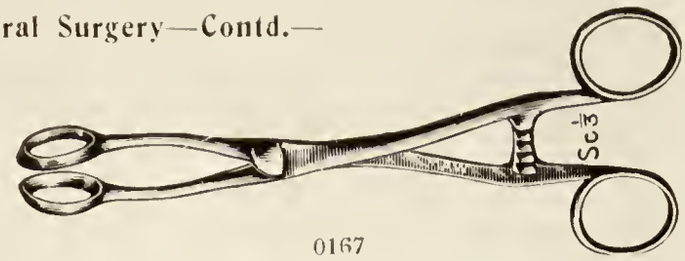


0165

0166

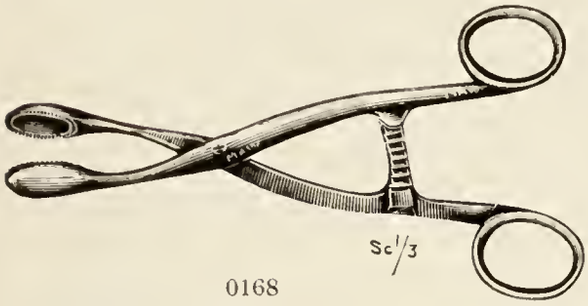
	Gland Forceps—			
0165	Bryant's	0	5	6
0166	Radcliffe Infirmary pattern	0	7	6

Instruments for General Surgery—Contd.—

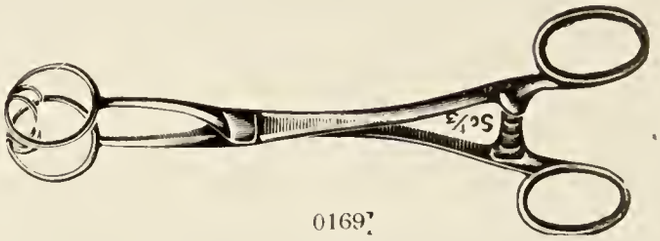


0167

No.	**Gland Forceps—Contd.—**	£	s.	d.
0167	Cummins's, modification of Kocher's forceps	0	10	6

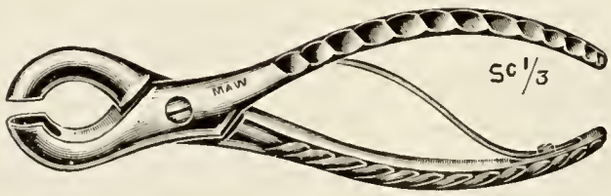


0168



0169

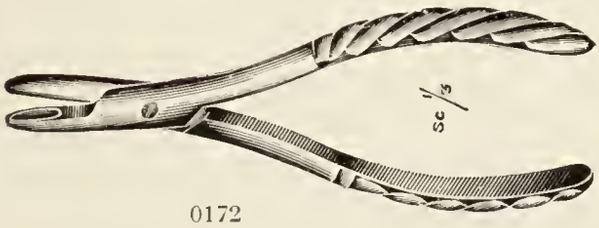
0168	Godlee's	0	13	0
0169	Kocher's	0	16	6



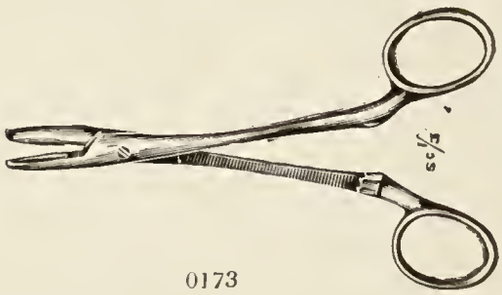
0170

Gouge Forceps—

0170	Fergusson's, with screw joint	0	9	0
0171	Do., disjointing	0	12	0



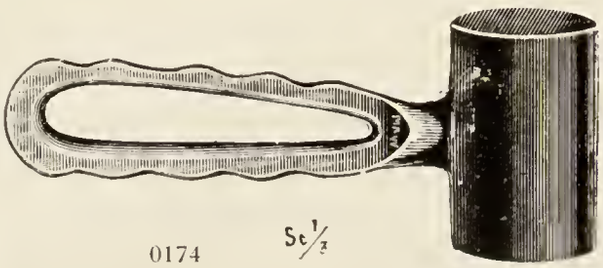
0172



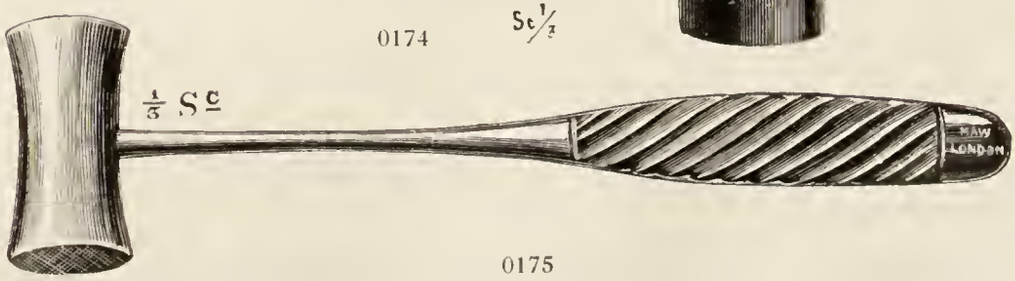
0173

0172	Lane's	0	10	0
0173	Do. light model, with bow handles	0	7	6

(*For other Gouge Forceps see Skull Forceps, pages* 48 *to* 50.)



0174

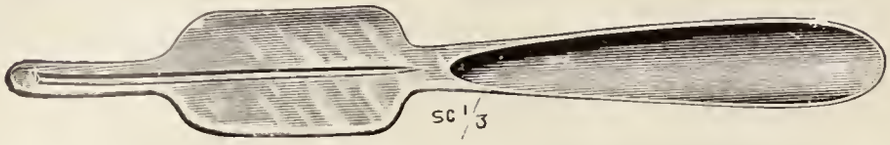


0175

Hammers and Mallets—

0174	Charles Heath's, solid copper, silver-plated	0	12	6
0175	Steel, with fluted handle, 2 sizes .. .. 7/6 and	0	9	6
0176	Boxwood, 3 sizes .. .. ½-lb., 2/-; 1-lb., 3/-; 2-lb.	0	4	0

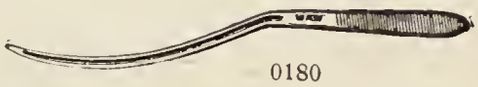
Instruments for General Surgery—Contd.—



0177

No	Hernia Instruments—	£	s	d.
0177	Director, Childe's	0	4	6

0178

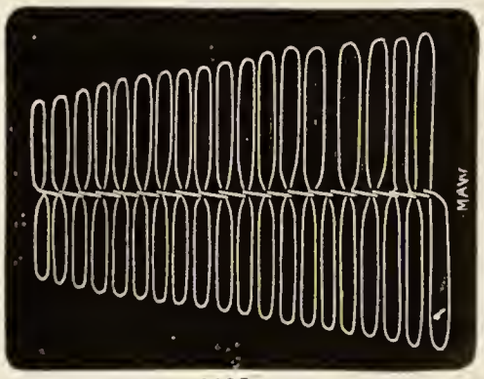


0180

0182

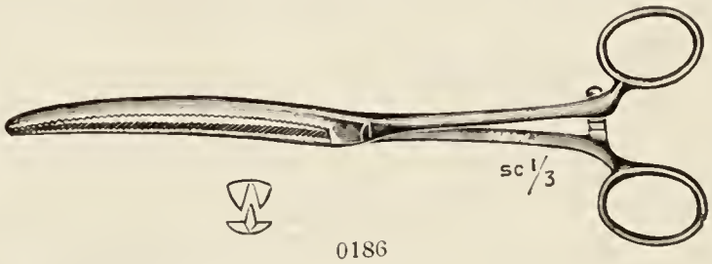
0178	Director, Key's	0	3	6
0179	Do. do. "B" quality	0	2	6
0180	Do. Stanley's	0	3	6
0181	Do. do. "B" quality	0	2	0
0182	Do. Stanley Boyd's, double	0	4	6
0183	Do. do. do. "B" quality	0	2	6

0184



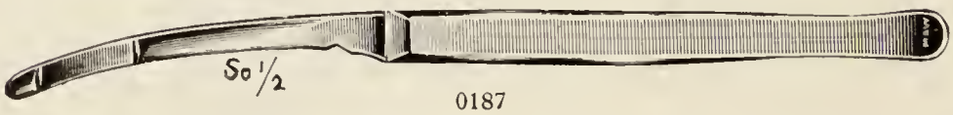
0185

0184	Filigrees, McGavin's, silver wire, for Inguinal Hernia per pair	0	7	6
0185	Do. do. do., for Ventral Hernia— each, 3× 2 in., **4/-**; 4½ × 3 in., **6/-**; 6× 4 in.	0	8	0



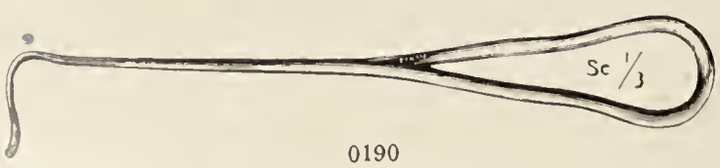
0186

0186	Forceps, Kocker's, for invagination	0	11	6

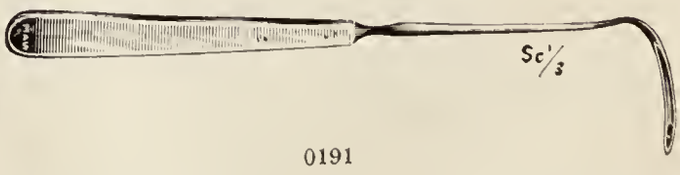


0187

0187	Knife, Curved	0	3	0
0188	Do. Straight	0	3	0
0189	Do. do., "B" quality, with fluted handle, curved or straight .. .. each	0	2	0



0190

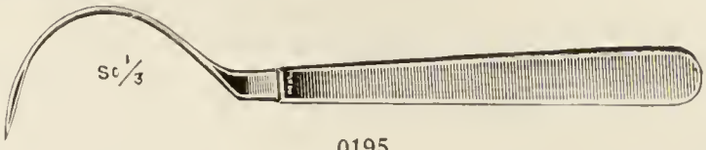


0191

0190	Needle, Lockwood's, right or left	0	4	6
0191	Do. Macewen's, right or left	0	4	6
0192	Do. do., with handle, as No. 0190	0	4	6

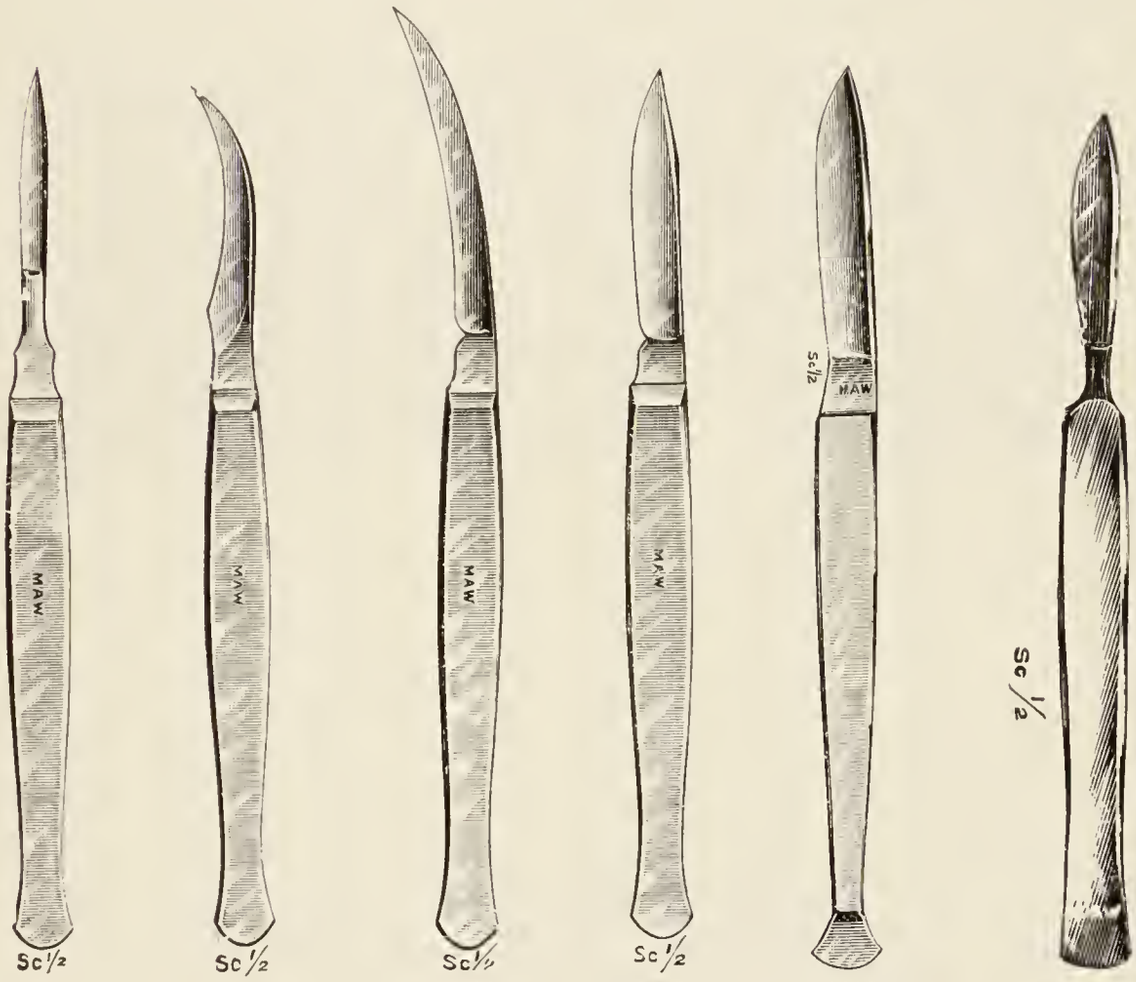
Instruments for General Surgery—Contd.—

0194



0195

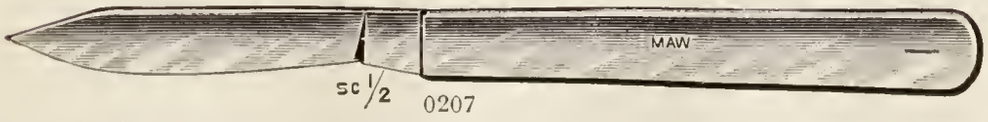
No.	Hernia Instruments—Contd.—	£	s.	d
0193	Needle, St. Thomas's pattern	0	4	6
0194	Do. Watson Cheyne's, right or left	0	5	6
0195	Do. Wood's, long curved	0	5	0
	Hone for Sharpening Knives, etc.—			
0196	Arkansas Stone .. .. plain, 4/6; mounted, with lid	0	6	0



0197 0198 0199 0203 0205 0206

Knives for General Surgery, solid forged—

		Sheffield make.	Own London make.		
0197	Abscess Knife, Paget's	2/-	..	0	2	6
0198	Do. Symes's	1/8	..	0	2	6
0199	Bistoury, curved, sharp pointed	2/-	..	0	2	6
0200	Do. do. blunt pointed	2/-	..	0	2	6
0201	Do. straight, sharp pointed (finger knife) ..	2/-	..	0	2	6
0202	Do. do., blunt pointed	2/-	..	0	2	6
0203	Scalpels, 3 sizes, large, medium and small ..	each 1/6	..	0	2	0
0204	Do. extra small	1/6	..	0	2	0
0205	Do. with raspatory..	—	..	0	3	0
0206	Do. Teale's, with central point and round shoulder		..	0	2	0



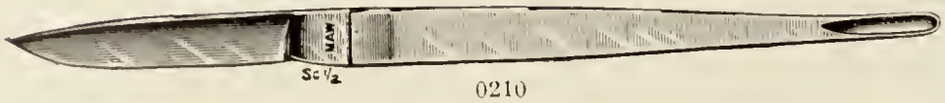
0207

0207	Scalpel, Army pattern, 4 in.	0	3	0
0208	Do. do., 3 in.	0	2	6

Instruments for General Surgery—Contd.—

0209

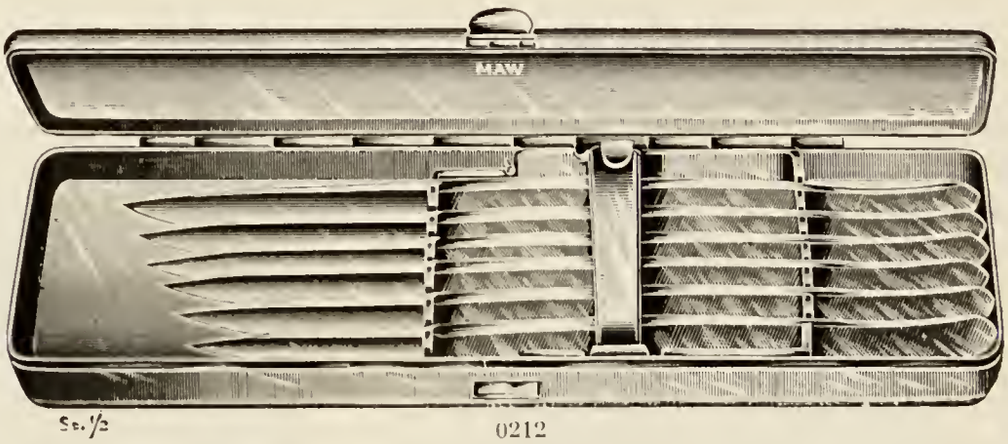
No.	**Knives for General Surgery,** solid forged—**Contd.**—	£	s.	d.
0209	Scalpel, Cressey's, with blunt rounded ends, 6 sizes .. each	0	2	6



0210

0211

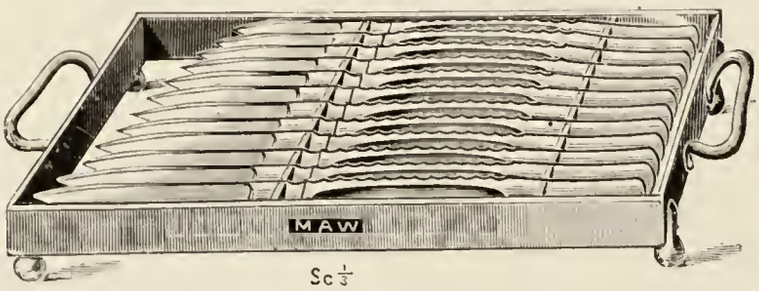
0210	Scalpel, Jordan Lloyd's, with dissector	0	3	0
0211	Do. do., with scoop	0	3	0



0212

Knife Boxes—

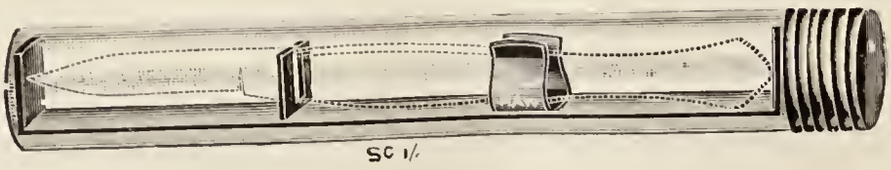
0212	German silver, nickel-plated, with lift-out rack, complete with 6 scalpels (London made) ..	0	17	6
0213	Do. do., without scalpels	0	5	6
0214	Do. do., large size, complete with 12 scalpels (London made)	1	12	0
0215	Do. do., do., without scalpels ..	0	8	0
0216	Nickel-plated, with lift-out frame for 6 scalpels, 7/- ; for 12 scalpels	0	10	0
0217	Wood, mahogany, unpolished, with brass racks, for 3 scalpels, 1/6 ; for 4, 1/6 ; for 6, 1/9 ; for 8, 2/- ; for 12	0	2	3



0218

Knife Racks—

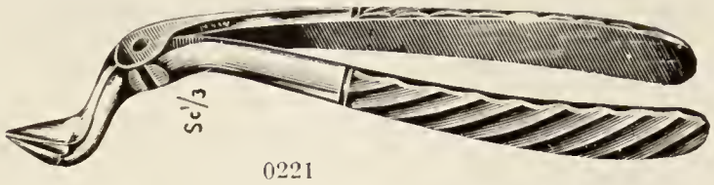
0218	Nickel-plated, for 6 scalpels, 4/- ; for 8 scalpels, 4/6 ; for 12 scalpels	0	5	6



0219

0219	Nickel-plated, in glass tube, for carrying one scalpel in alcohol ..	0	3	9
0220	Do., in nickel-plated tube, for two scalpels	0	7	6

Instruments for General Surgery—Contd.—



0221

No.		£	s.	d.
0221	**Laminectomy Forceps,** Victor Horsley's, with crank bend (see also page 9)	0	15	0
0222	**Laminectomy Chisels,** right and left .. .. .. per pair	0	14	0
0223	**Laminectomy Saws,** Macewen's set, consisting of 2 saws and 2 rasps, fitting one handle	1	10	0

0224

0224	**Lenticular,** with Circular end	0	5	6

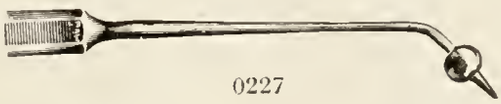
0225

Lymphangioplasty Instruments—

0225	Probes, Sampson Handley's, each, 10 in., 2/6 ; 12 in., 3/- ; 15 in.	0	3	6

0226

0226	Forceps, Sampson Handley's, with soft metal jaws for grasping the probes	0	8	6

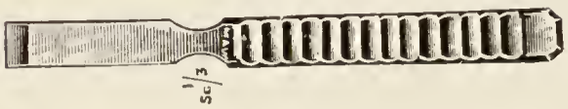


0227

0227	**Nævus Cautery,** Wordsworth's, with insulated metal handle.. ..	0	5	0

0228

0228	**Nævus Needle,** Liston's, solid forged	0	2	6



0229

0230

0231

Necrosis Chisels—

0229	Flat handle, solid forged, 3 sizes, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in... ..	each	0	4	0
0230	Hexagon handle, solid forged		0	5	0
0231	Macewen's, solid forged, 2 sizes, $\frac{5}{16}$ and $\frac{7}{16}$ in.	each	0	5	0

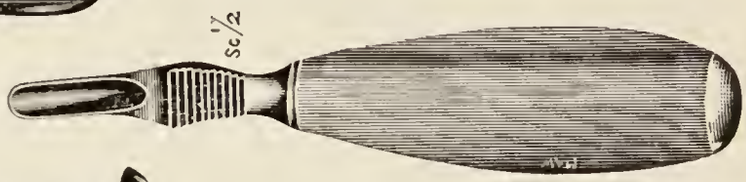
Instruments for General Surgery—Contd.—

0232

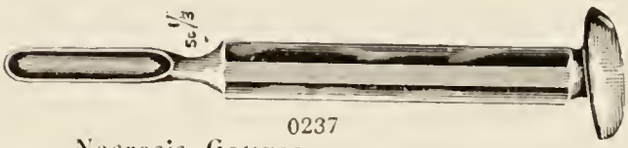
No.	Necrosis Chisels—Contd.—	£	s.	d.
0232	Rounded handle, 3 sizes, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in.	0	4	0
0233	Trelat's, solid forged	0	3	0

0234

0235



0236



0237

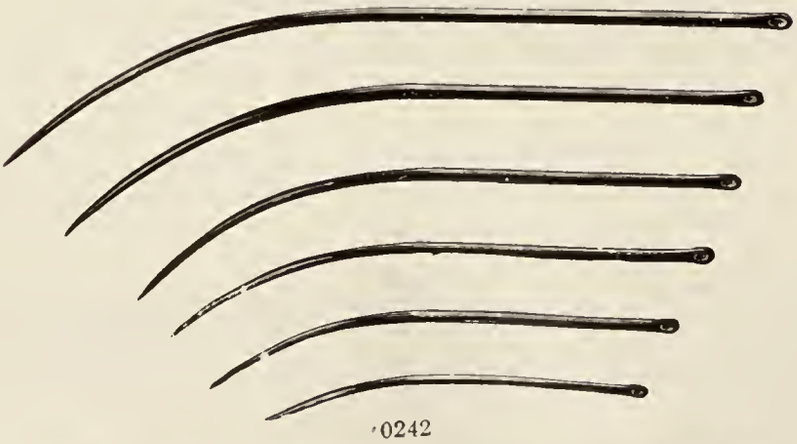
Necrosis Gouges—

0234	Flat handle, solid forged, 4 sizes, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in. ..	each	0	4	0
0235	Rounded handle, 3 sizes, $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ in.	,,	0	4	0
0236	Rounded handle, with thumb rest, Guy's pattern, $\frac{1}{4}$ in. ..	..	0	7	0
0237	Tubby's, with oblique rounded head to fit palm of hand ..	..	0	6	0

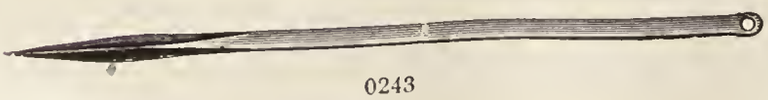
0238 0239

0238	Trelat's, solid forged, straight, 3 sizes	each	0	3	0
0239	Do. do., curved, 3 sizes	,,	0	4	0

(*For other Gouges see pages* 133 *and* 134.)



0242



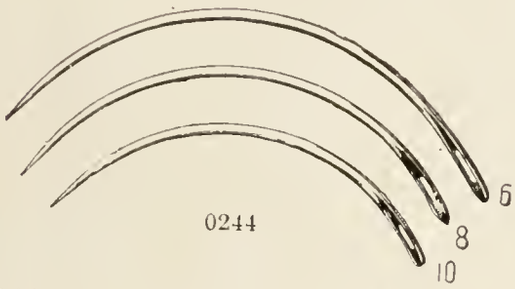
0243

Instruments for General Surgery—Contd.—

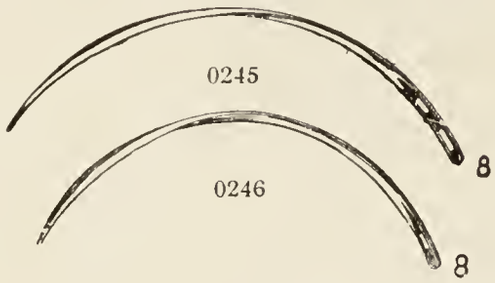
Needles for Suturing—

(All the following Needles are nickel-plated and are sold in packets of six, assorted sizes, or six of one size.)

No.		£	s.	d.
0240	Abdominal, Bland-Sutton's, extra fine, triangular, 2½, 3, 4, 5 or 6 in. .. per doz.	0	2	0
0241	Do. Bonney's, with triangular points and Hagedorn's reversed haft, curved, sizes 1-13, alternate sizes, per doz.	0	2	6
0242	Do. do. do. do. ½-curved, sizes 1-13, alternate sizes .. .. per doz.	0	2	6
0243	Do. do. do. do. straight, sizes 1-13, alternate sizes .. .. per doz.	0	2	6

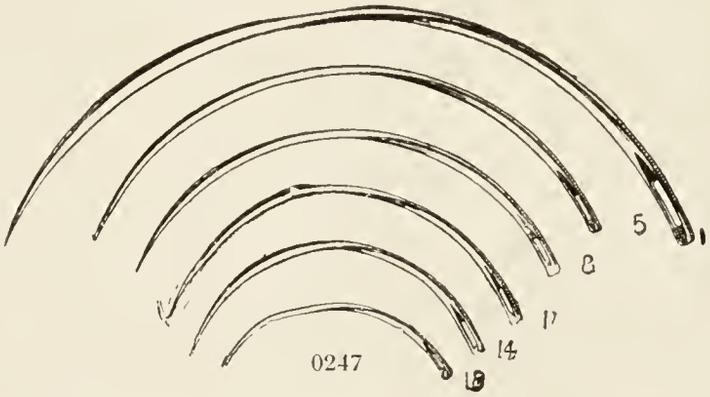


0244



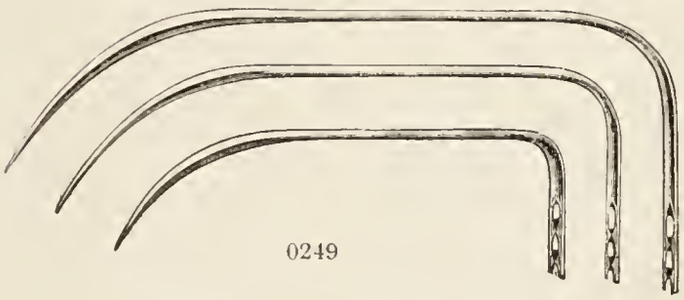
0245 0246

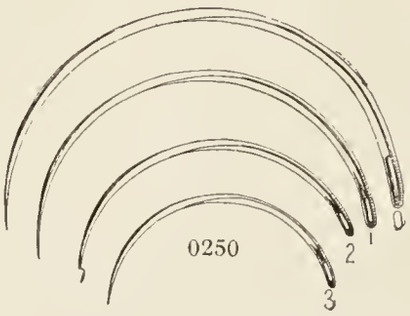
0244	Curved, round bodies, sizes 1-18 .. .. .. per doz.	0	1	6
0245	Do. two-eyed, sizes 1-10.. .. .. .. ,,	0	2	0
0246	Do. triangular, sizes 1-18 .. .. .. ,,	0	1	6



0247

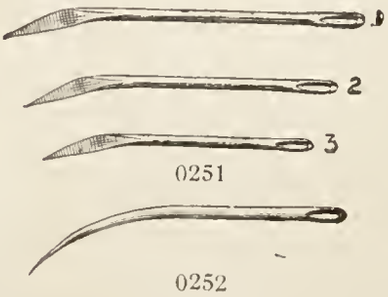
0247	Curved, ordinary pattern, sizes 1-18 .. .. per doz.	0	1	6
0248	Do. eye at point, sizes 1-3 .. .. .. ,,	0	2	0


0249

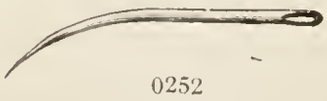


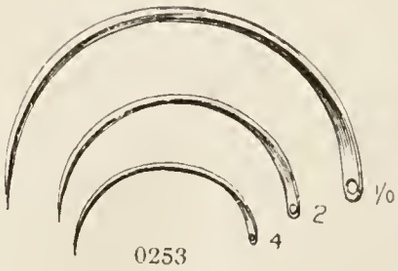
0250

0249	Dutch's, with spring eye, sizes 1, 2 and 3 .. per doz.	0	2	6
0250	Fistula, curved, sizes 0-3 .. .. ,,	0	2	0



0251

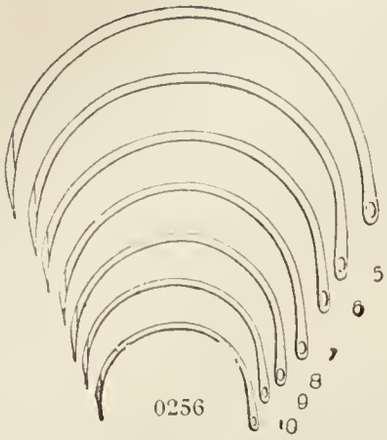

0252

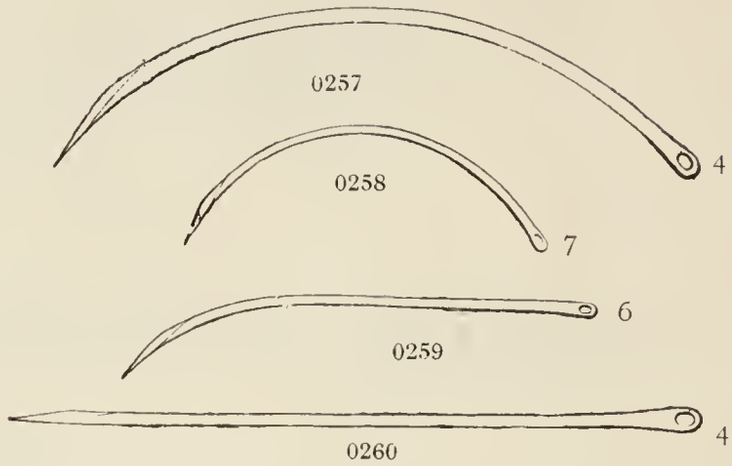


0253

0251	Fistula, Emmett's, trocar points, sizes 1-3.. .. per doz.	0	2	0
0252	Do. do., round points, sizes 1-3 .. ,,	0	2	0
0253	Do. curved, round eyes, sizes 0-4 .. .. ,,	0	2	0
0254	Do. ½-curved, sizes 0-3 .. .. ,,	0	2	0
0255	Do. straight, sizes 0-3 .. .. ,,	0	2	0

Instruments for General Surgery—Contd.—

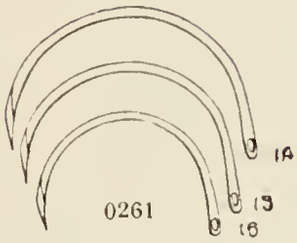


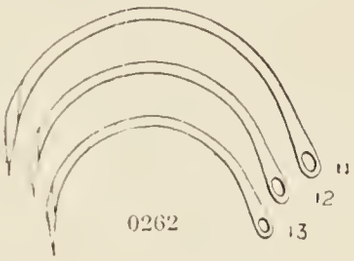


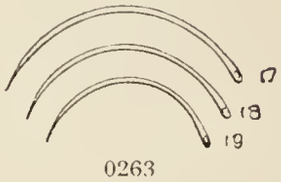
Needles for Suturing—Contd.—

(All Needles are nickel-plated and are sold in packets of six, assorted sizes, or six of one size.)

No.				£	s.	d.
0256	Hagedorn's, ½-circle, sizes 1-10	.. .. ..	per doz.	0	1	6
0257	Do. ¼-circle, sizes 1-13	.. .. ..	,,	0	1	6
0258	Do. ⅜-circle, sizes 1-13	.. .. ..	,,	0	1	6
0259	Do. ½-curved, sizes 1-13	.. .. ..	,,	0	1	6
0260	Do. straight, sizes 1-13	.. .. ..	,,	0	1	6

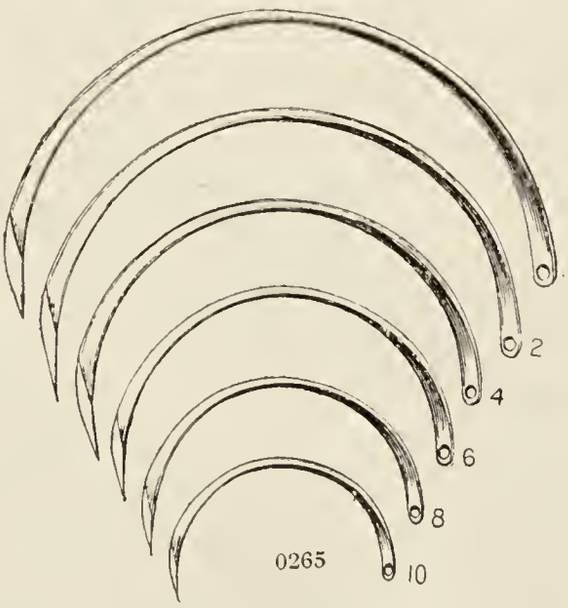






0261	Hagedorn's, thin Fistula, sizes 14-16	.. ..	per doz.	0	1	9
0262	Do. stout do., sizes 11-13	.. ..	,,	0	1	9
0263	Do. Intestinal, sizes 17-19	.. ..	,,	0	1	9

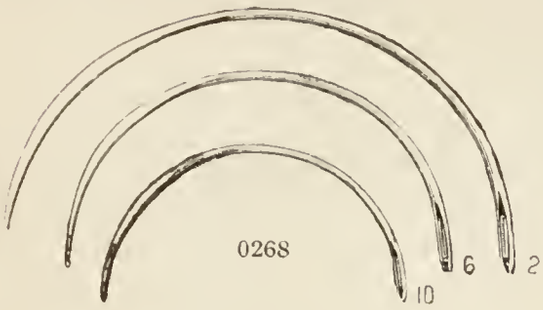
0264

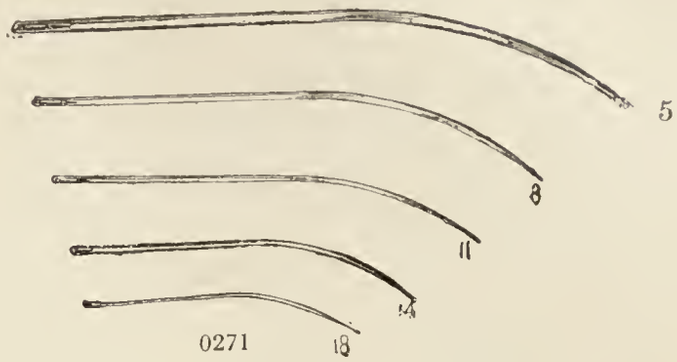


0267

0264	Hagedorn's, reversed, straight, sizes 1-13 ..	..	per doz.	0	2	3
0265	Do. do., ½-circle, sizes 1-13 ..	..	,,	0	2	3
0266	Do. do., ⅜-circle, sizes 1-13 ..	..	,,	0	2	3
0267	Do. do., ½-curved, sizes 1-13 ..	..	,,	0	2	3

Instruments for General Sugery—Contd.—

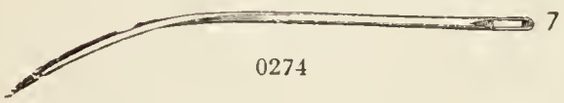


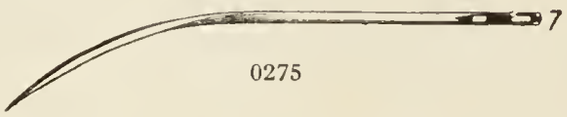


Needles for Suturing—Contd.—

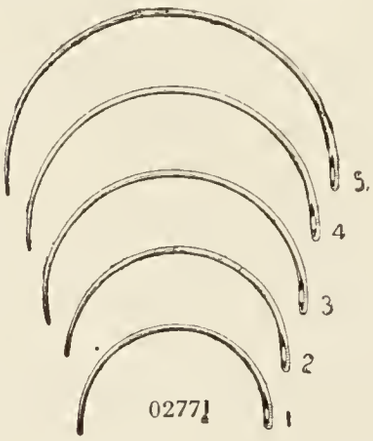
(*All Needles are nickel-plated, and are sold in packets of six, assorted sizes, or six of one size.*)

No.			£	s.	d.
0268	Half-circle, ordinary pattern, sizes 1-18	per doz.	0	1	6
0269	Do. with round eyes, sizes 1-18	,,	0	1	6
0270	Half-curved, eye at point, sizes 1-3	,,	0	2	3
0271	Do. ordinary pattern, sizes 1-18	,,	0	1	6
0272	Do. with round bodies, sizes 1-18	,,	0	1	6
0273	Do. with round eyes, sizes 1-18	,,	0	1	6

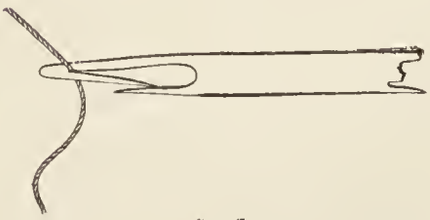


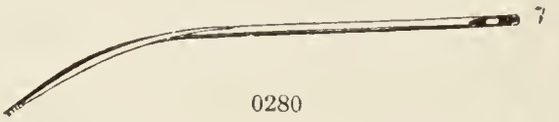


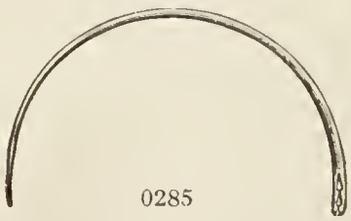
0274	Half-curved, triangular, sizes 1-18	per doz.	0	1	6
0275	Do. do., with two eyes, sizes 1-12	,,	0	2	3



0276	Intestinal, ½-curved, sizes 1-5	per doz.	0	1	9
0277	Do. ½-circle, sizes 1-5	,,	0	1	9
0278	Do. straight, sizes 1-5	,,	0	1	9
0279	Lister's, curved, sizes 1-10	,,	0	2	0

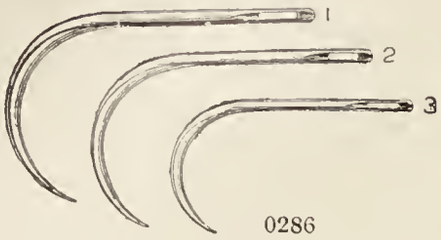




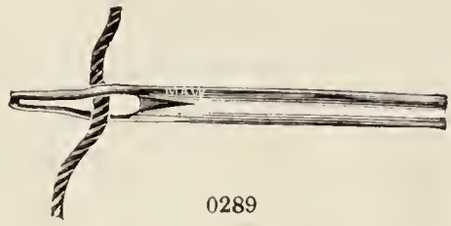


0280	Lister's, ½-curved, sizes 1-10	per doz.	0	2	0
0281	Do. straight, sizes 1-10	,,	0	2	0
0282	Lynn-Thomas's, with slot and grip eye, curved, sizes 1-10,	per doz.	0	4	6
0283	Do. do. do., ½-curved	,,	0	4	6
0284	Do. do. do., straight..	,,	0	4	6
0285	Moynihan's, round bodied, ⅝ circle, sizes 1-6 ..	,,	0	2	0

Instruments for General Surgery—Contd.—



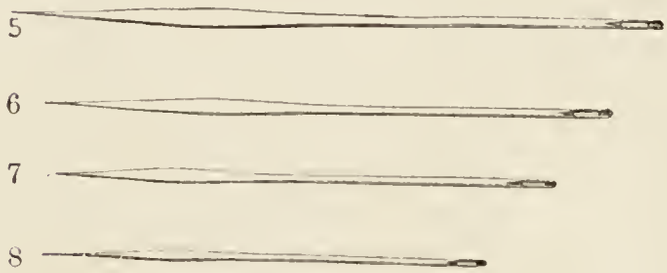
0286



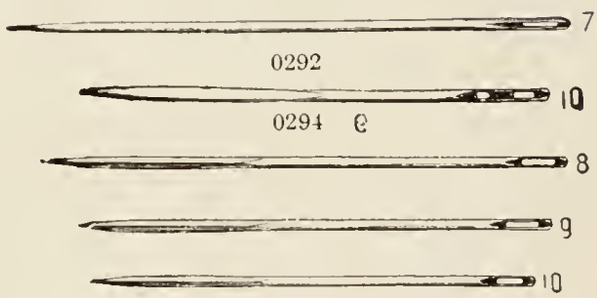
0289

No.	**Needles for Suturing—Contd.—**		£	s.	d.
	(All Needles are nickel-plated, and are sold in packets of six, assorted sizes, or six of one size.)				
0286	Mouth, with sharp curve, sizes 1-3	per doz.	0	2	6
0287	Paterson's, curved, sizes 1, 5 and 9..	,,	0	2	6
0288	Do. ½-curved, sizes 5, 7 and 9	,,	0	2	6
0289	Do. straight, 2½ in. and 3½ in.	,,	0	2	6

The advantage of this form of Needle is that the thread becomes firmly gripped in the eye and cannot slip out.



0290

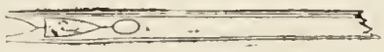


0292

0294

0295

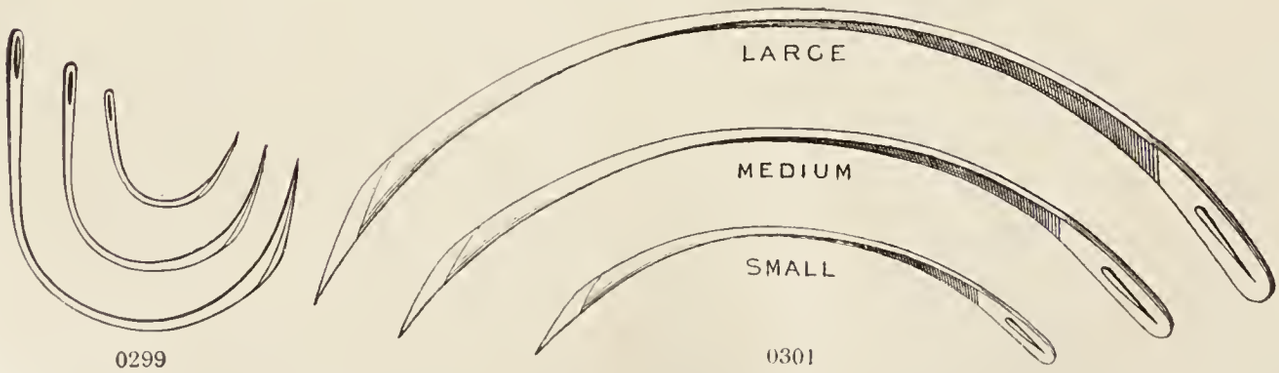
0290	Straight, ordinary pattern, sizes 1-18	per doz.	0	1	6
0291	Do. eye at point, sizes 1-3	,,	0	2	0
0292	Do. with round bodies, sizes 1-18	,,	0	1	6
0293	Do. with round eyes, sizes 1-18	,,	0	1	6
0294	Do. with two eyes, sizes 1-12	,,	0	2	3
0295	Do. triangular, sizes 1-18	,,	0	1	6



0298

0296	Spring-eyed, curved, sizes 5 to 18	per doz.	0	2	3
0297	Do. ½-curved, sizes 5 to 18	,,	0	2	3
0298	Do. straight, sizes 5 to 18	,,	0	2	3

(Any form of Needle can be made with spring eye if desired, at 9d. *per doz. extra, but the above are the only patterns kept in stock).*



0299

0301

0299	Symon's, reversed Hagedorn, sizes 1-6	per doz.	0	2	6
0300	Do. round bodies, assorted	,,	0	2	0
0301	Uterine, Doyen's, with file-cut shanks, 3 sizes ..	,,	0	4	9

Instruments fo General Surgery—Contd.—

0302

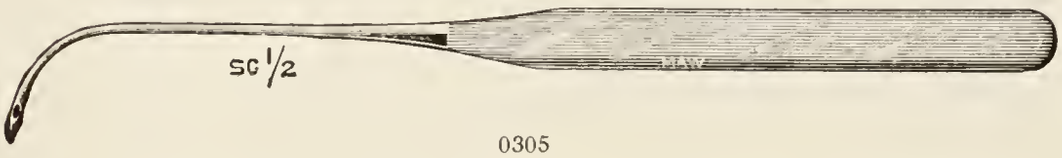
0303

0304

Needles for Suturing—Contd.—

(All Needles are nickel-plated, and are sold in packets of six, assorted sizes, or six of one size.)

No.			£	s.	d.
0302	Uterine, Emmett's, with lance points, sizes 1-4 ..	per doz.	0	1	6
0303	Do. Kelly's, oblique curved, sizes 1-3 ..	,,	0	2	0
0304	Do. Sims's, ¼-curved, sizes 1-3..	,,	0	1	6



0305

Needles for Suturing, in handles—

0305	Carliss's, curved or slightly curved .. .. each	0	4	6

0306

0306	Carsten's, solid forged	0	3	6

0307

0307	Cullingworth's, solid forged	0	4	6

Sc 1/3

0308

0308	Cullingworth's fine rectangular, solid forged	0	3	6

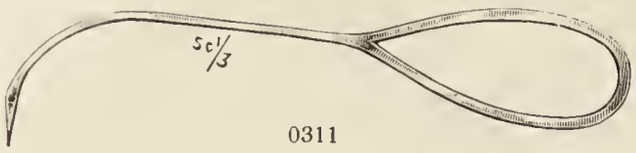
0309

0309	Cullingworth's, with loop handle, 2 sizes .. .. .. each	0	4	0

0310

0310	Doyen's, long, medium, or short curve .. .. . each	0	4	0

Instruments for General Surgery—Contd.—



0311

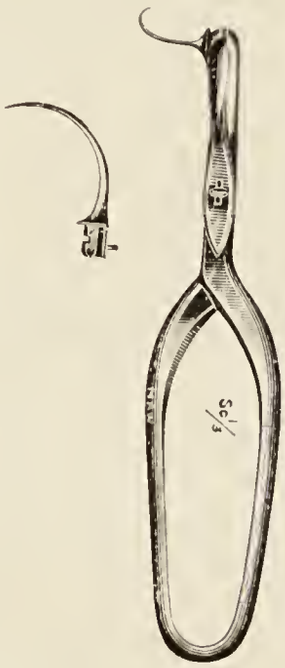
No.	**Needles,** in Handles—**Contd.**—	£	s.	d.
0311	Doyen's, with loop handle	0	2	0

0312

0312	Elder's, 3 sizes.. .. .. each	0	3	0

0313

0314



0315

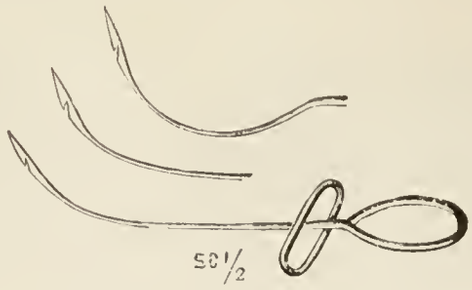
0316

0313	Kellock's, set of 4 fitting one handle	0	8	0
0314	Reverdin's, with guarded eye, three curves .. .. each	0	7	6
0315	Do. set of three needles, with holder, in leather case ..	1	12	0
0316	Tait's, with rounded eye	0	2	6

0317

0317	St. Thomas's pattern, with slot eye and wire handle, various curves, A, B, C, D, E and F .. .. each	0	2	6
0318	Do. do., set of 3 in metal case	0	13	0

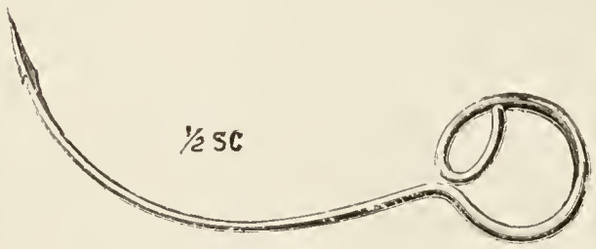
Instruments for General Surgery—Contd.—



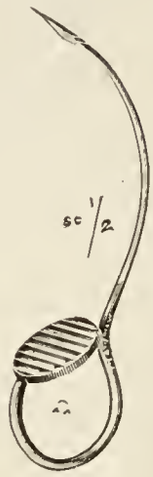
0319

No.	**Needles,** in Handles—**Contd.**—	£	s.	d.
0319	Sampson Hardley's, 3 curves, A, B and C, with ring handle, each	0	2	0

0320

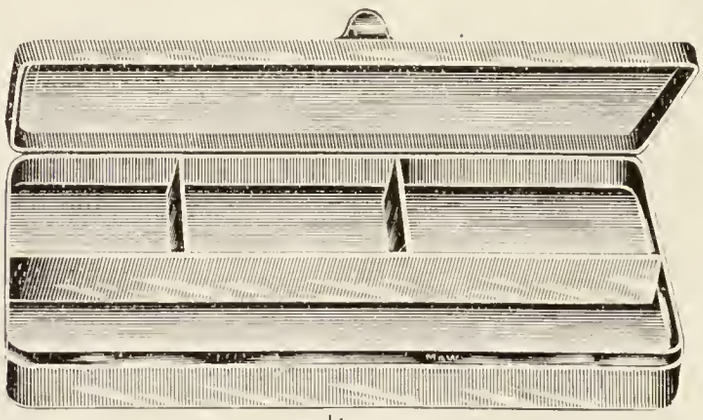


0321



0322

0320	Wire, with loop handle	0	1	0
0321	Do. do., with thumb rest..	0	1	6
0322	Do. do., Barker's, with thumb rest	0	3	9



0323

Needle Boxes—

0323	German silver, 7½ by 3½ in., with partitions	0	7	6

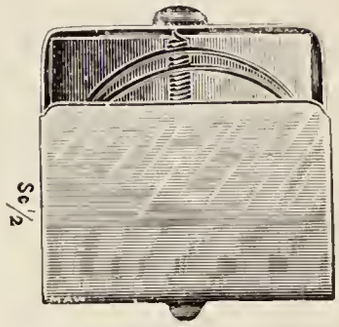
0324

0326

0324	Glass, with ground lid, 3 in. diameter	0	1	0
0325	Do. with drop-over lid, 3 in. diameter	0	0	9
0326	Metal, with inner box, for sterilizing needles, round	0	1	9
0327	Do. do. do., oblong, 4½ × 1¾ in.	0	3	0

Instruments for General Surgery—Contd.—

0328

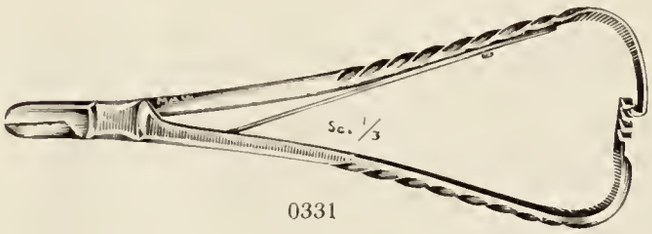


0329

No.	**Needle Boxes—Contd.—**	£	s.	d.
0328	Nickel-plated, with sliding lid, 5 sizes, $1\frac{1}{4}$ by $\frac{3}{4}$ in., -/6 ; $1\frac{1}{2}$ by $\frac{7}{8}$ in., -/6 ; 2 by 1 in., -/8 ; 3 by $1\frac{1}{4}$ in., -/8 ; and 3 by $1\frac{3}{4}$ in.	0	0	10
0329	Do. do., with spring slots for holding the needles, 2 by $1\frac{1}{2}$ in.	0	1	0

0330

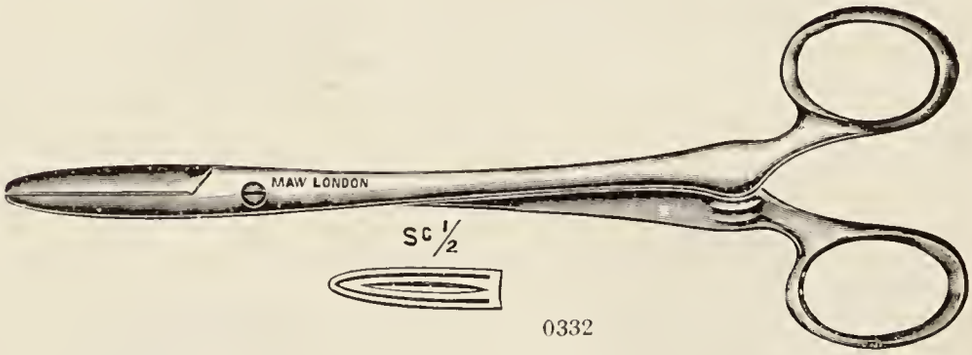
0330	**Needle Carrier** with tray, for threaded needles, Paterson's	0	7	0



0331

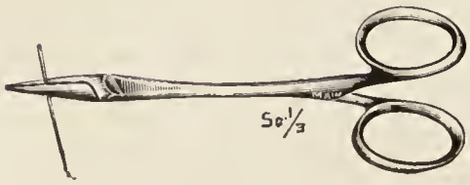
Needle Holders—

0331	Army pattern	0	5	6

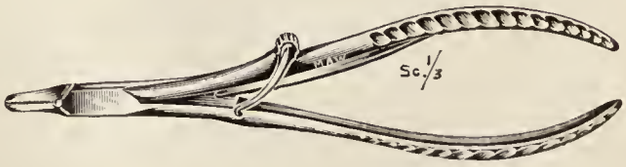


0332

0332	Bonney's	0	9	0



0333



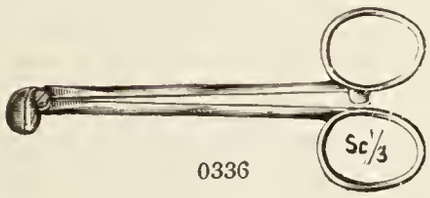
0334

0333	Bruce Clarke's, with take-off joint, used also as Artery Forceps ..	0	6	0
0334	Collins's, with automatic spring catch	0	7	6

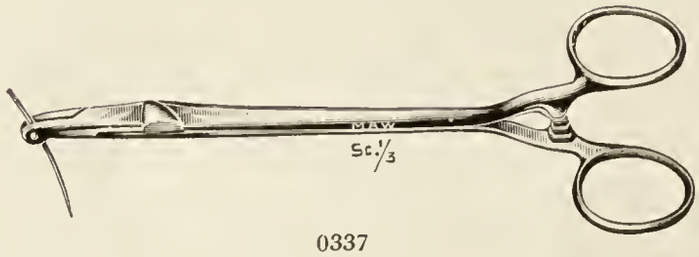
Instruments for General Surgery—Contd.—

0335

No.	Needle Holders—Contd.—	£	s.	d.
0335	Cushing's, a modified form of Halstead's..	0	17	6

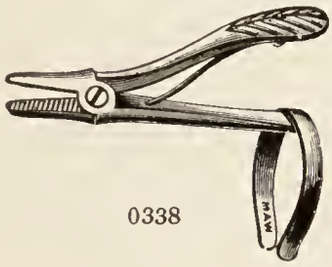


0336

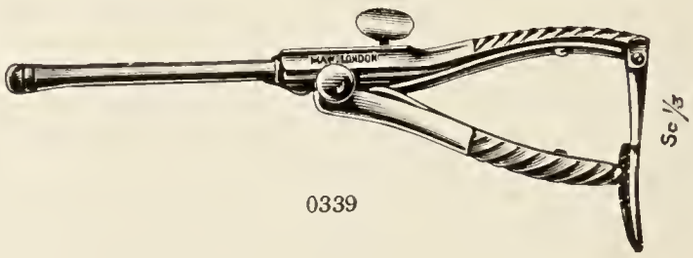


0337

0336	Coram James's, with catch	0	6	0
0337	Doyen's, to hold a needle at any angle, with long handle for abdominal operations	0	7	6

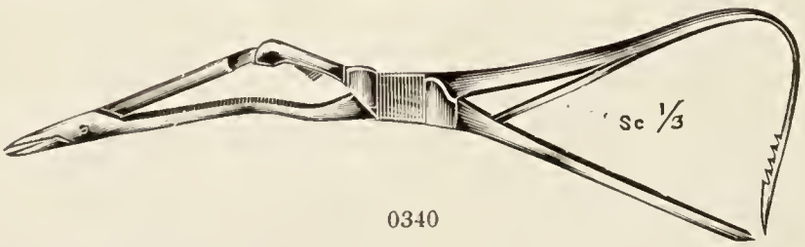


0338



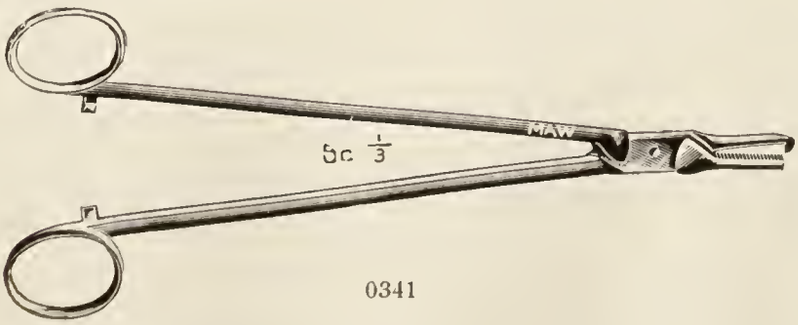
0339

0338	Galezowski's, with ring for thumb..	0	4	6
0339	Hagedorn's, improved, 7 in...	0	16	6



0340

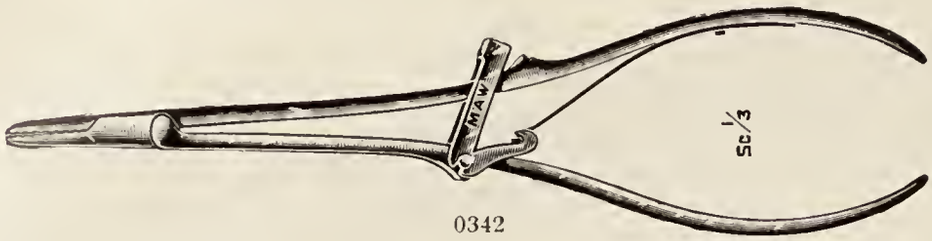
0340	Halstead's, original pattern	0	14	0



0341

0341	Hegar's	0	6	0

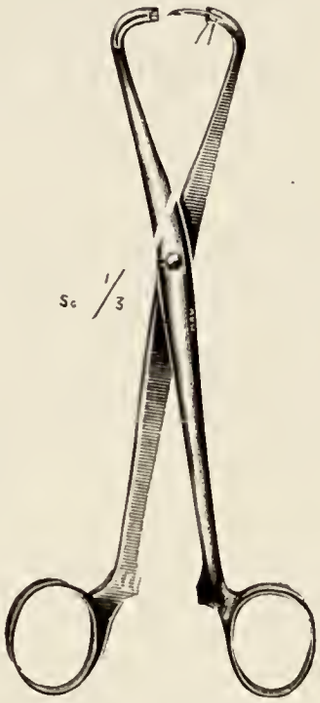
Instruments for General Surgery—Contd.—



0342

No.	Needle Holders—Contd.—	£	s.	d.
0342	Kelly's	1	5	6

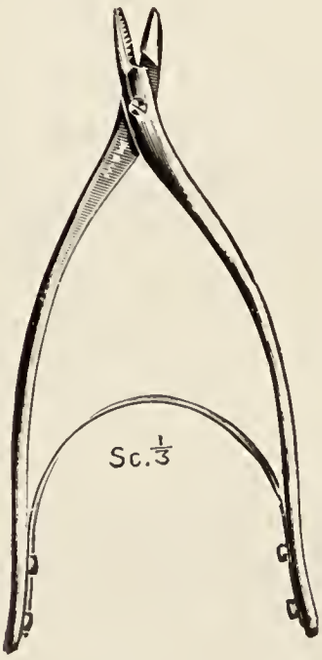
0343



0344

0345

0343	Kemp's, with central pin and 6 needles, in case	0	14	6
0344	Kurz's "Automatic," for deep cavities, with 12 special needles	0	14	0
0345	Lane's, with spring	0	12	0

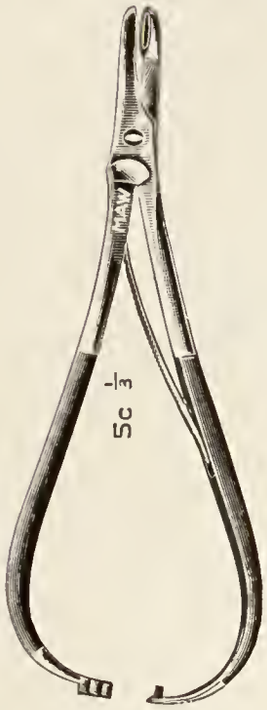


0346

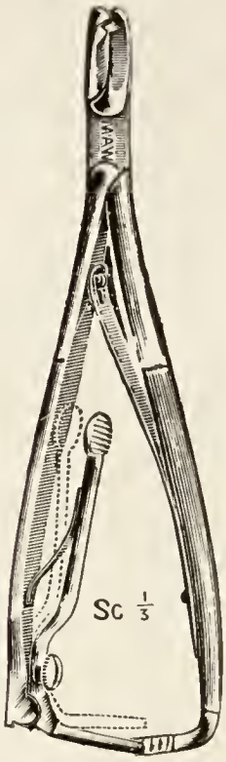
0347

0346	Lane's, improved	0	12	0
0347	Macphail's, for all varieties of needles 5½ in., 9/6; 7 in.	0	12	0

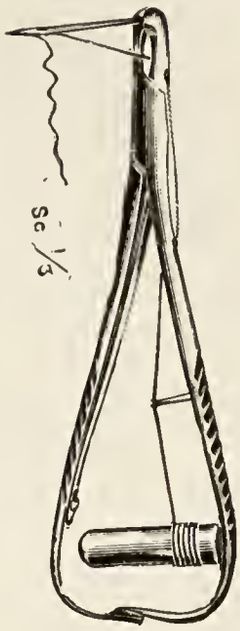
Instruments for General Surgery—Contd.—



0348



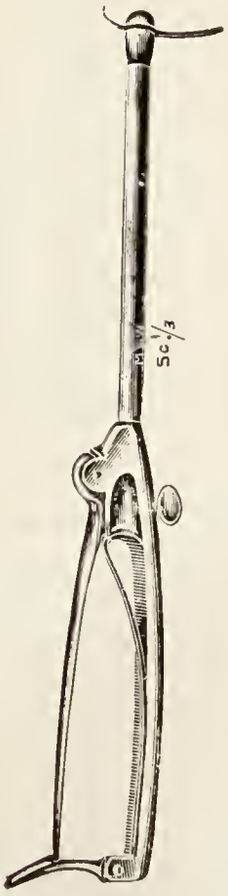
0349



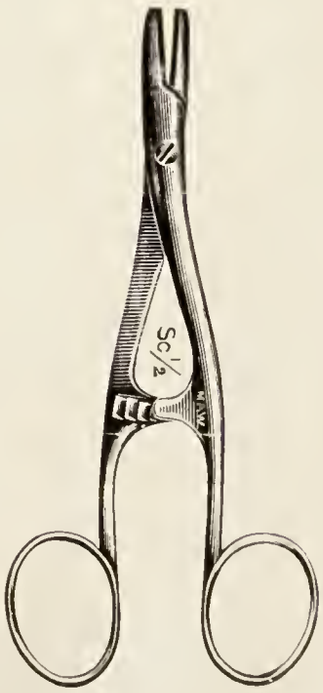
0350

No.	Needle Holders—Contd.—	£	s.	d.
0348	Needle Holder with Suture Cutter, combined	0	10	6
0349	Do. do. with thumb release	0	14	0
0350	Do. do. with Suture Carrier, Maw's improved	0	10	6

0351



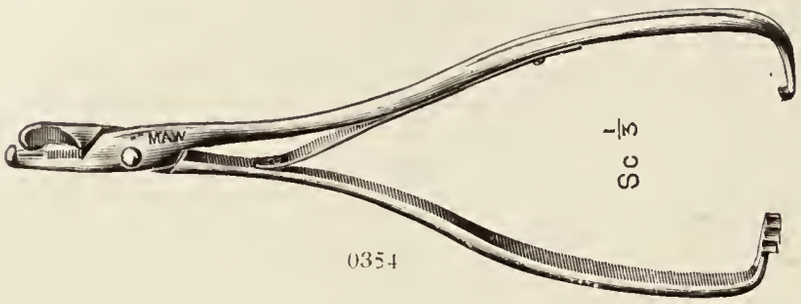
0352



0353

0351	Poinder's, spring action	0	8	0
0352	Pozzi's	0	16	6
0353	Rack action, bow handles, with lead-lined blades..	0	7	6

Instruments for General Surgery—Contd.—



0354

No.	**Needle Holders—Contd.—**	£	s.	d.
0354	Richter's (patent No. 10024/44), 2 sizes, 7 in. and 8 in., each	0	15	0

0355

0355	Rotunda Hospital model	0	7	6

0356

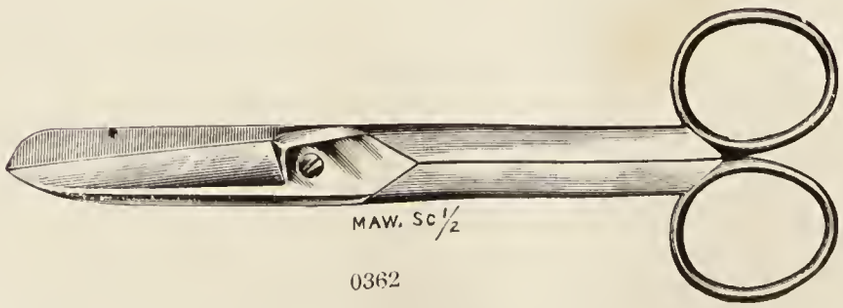
0357

0359

0360

0356	Silcock's, with spring catch	0	16	0
0357	Spencer Wells's	0	4	6
0358	Do. with catch	0	5	3
0359	Stanmore Bishop's	0	10	6
0360	Steven's, with spring catch, for straight needles	0	12	6
0361	Do. do. do., for curved needles	0	13	6

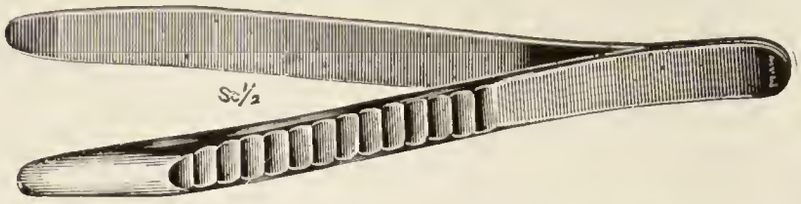
(*For other Needle Holders, see page* 88.)



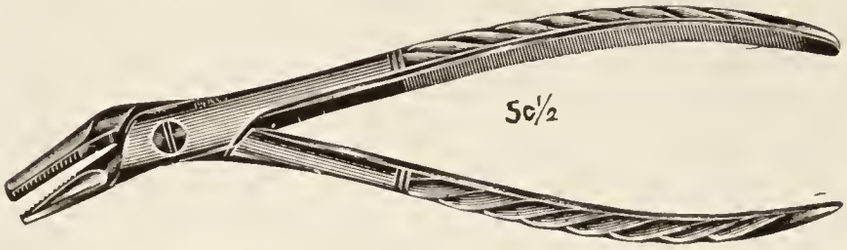
0362

0362	**Onychia Scissors,** for splitting the Toe-nail, etc.	0	4	6

Instruments for General Surgery—Contd.—



0363



0364

No.		£	s.	d.
	Onychia Forceps, for evulsion of Toe-nail—			
0363	Spring	0	3	6
0364	Angular, with fluted handles	0	6	0

0365

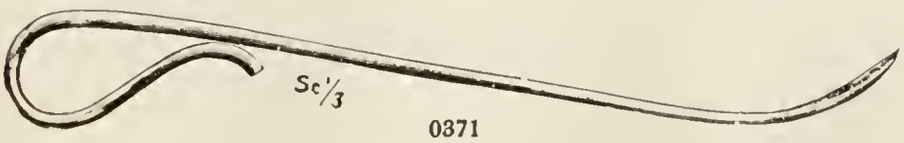
0366

0368

0369

	Osteotomes, solid forged—				
0365	Macewen's, graduated, 3 sizes, $\frac{3}{8}$ in., $\frac{7}{16}$ in., and $\frac{1}{2}$ in. ..	each	0	5	0
0366	Do. fan shaped, $\frac{3}{4}$ in.		0	4	6
0367	Reeves's graduated		0	4	6
0368	**Osteotomy Knife,** Adams', for Subcutaneous Osteotomy		0	4	0
0369	**Osteotomy Saw,** Adams', with wire handle		0	7	0
0370	Do. do. do., with amputation saw handle		0	13	6

(*For Hammers and Mallets, see page* 19.)



0371

0371	**Patella Needle,** Barker's		0	3	6
0372	**Patella Pins,** as used at St. Thomas's Hospital.. ..	per doz.	0	2	0
0373	Do. do., as used in St. Bartholomew's Hospital	per set of 3	0	5	0

Instruments for General Surgery—Contd.—

0374

0375

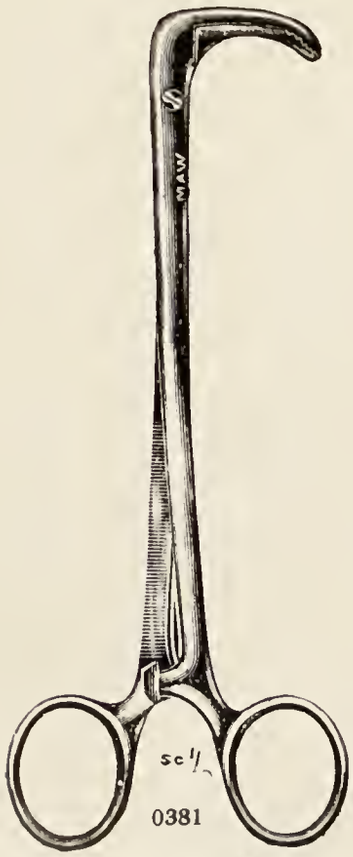
0377

0378

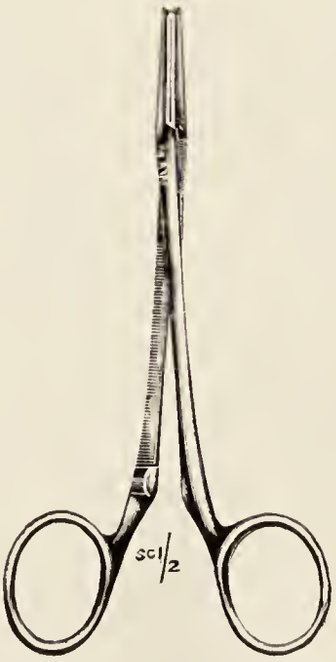
0379

0380

No.	Periosteal Elevators, Raspatories, etc.—	£	s.	d.
0374	Doyen's, curved for under surface of ribs	0	7	6
0375	Durham's, with fluted shaft	0	4	0
0376	Ellis's, with fluted shaft (for illustration see page 18)	0	5	0
0377	Horsley's	0	5	6
0378	Langenbeck's	0	4	6
0379	Do. as used at St. Thomas's Hospital	0	4	6
0380	Macewen's	0	3	6



0381



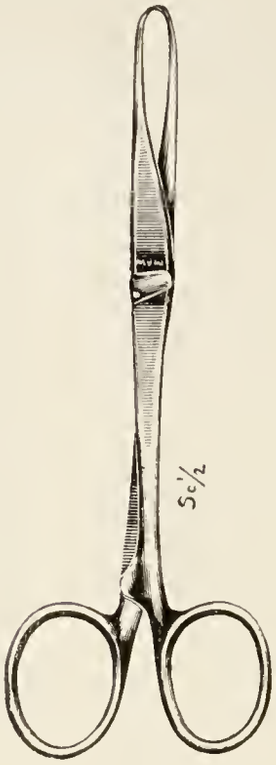
0382

0383

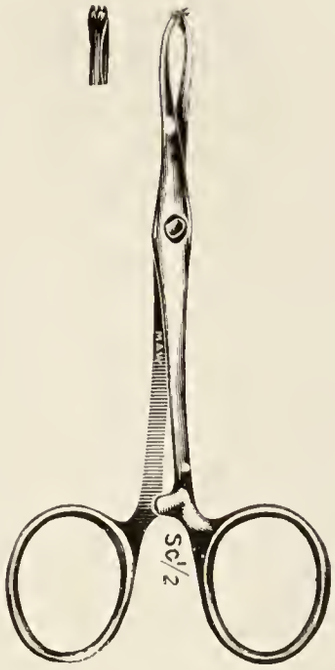
	Peritoneum Forceps—			
0381	Coombs's	0	9	0
0382	Kelly's "Mosquito" pattern	0	4	6
0383	Littlewood's, 7 in.	0	13	6
0384	Do. 8½ in.	0	14	6

Instruments for General Surgery—Contd.—

0386

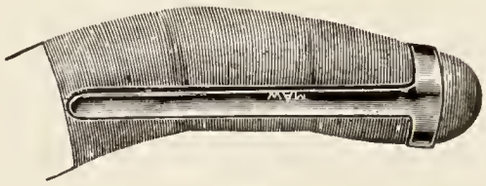


0387



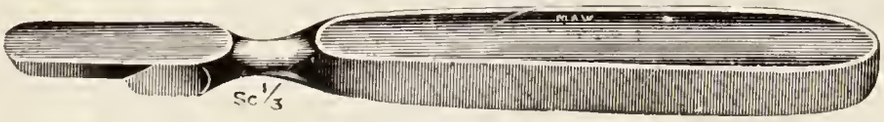
0388

No.	**Peritoneum Forceps—Contd.—**	£	s.	d.
0385	Greig Smith's (see No. 026 E)	0	6	6
0386	Mickulitz's	0	8	6
0387	Paton's, with take-off joint	0	6	6
0388	Porrier's, do. do.	0	6	0



0389

0389	**Peritoneal Director,** Laurie's, for use over finger of glove on left hand	0	2	0
0390	**Pins,** Acupressure, with steel heads, 3-5 in. .. .. per doz.	0	2	6
0391	Do. Acupuncture, with steel heads, 3-5 in. .. .. ,,	0	2	6
0392	Do. Aneurism, for scratching, after Macewen's method, 8 sizes ..	0	1	6



0393

0394

0395

0393	**Rugine,** Farabœuf's, straight	0	5	0
0394	Do. do., curved	0	5	0
0395	Do. do., fenestrated	0	6	0

Instruments for General Surgery—Contd.—

0396

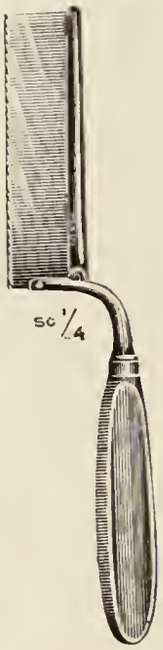
No.		£	s.	d.
	Probes, electro-plated or silver (see Bullet Probes, page 16).			
	Resection and Breast Knives—			
0396	Solid forged, with grooved handle, 2 sizes .. .. each	0	4	6
0397	Do. with tang	0	5	6
0398	Do. with blunt point	0	4	0

0400

0401

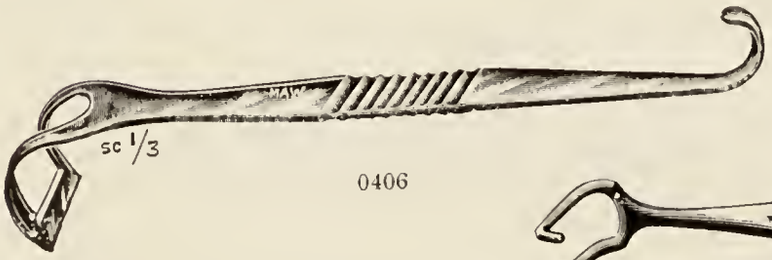
0403

0404

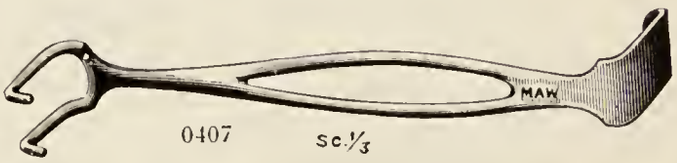


0405

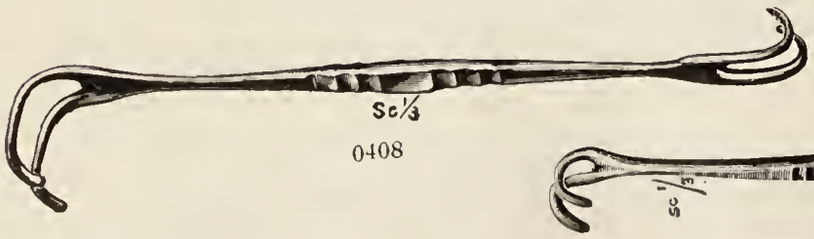
	Resection Saws—			
0399	Fergusson's, large (for illustration see page 2)	0	11	0
0400	Do. small, with lifting back	0	7	0
0401	Fripp's	0	14	6
0402	Do. with pistol handle	0	13	6
0403	Horsley's, for Jaw	0	12	0
0404	Keyhole pattern, solid forged	0	4	0
0405	Wood's, with solid forged handle and lifting back, 2 sizes each	0	9	0



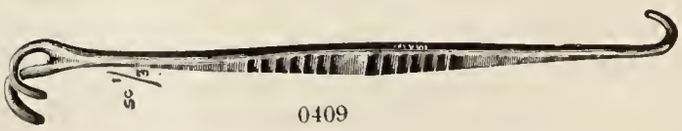
0406



0407 sc. 1/3



0408



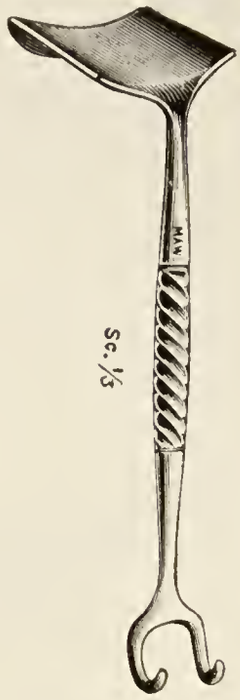
0409

	Retractors—			
0406	Army pattern, 3 sizes, $\frac{5}{8}$ in., 1 in. and $1\frac{1}{8}$ in. .. .. each	0	4	6
0407	Czerny's, solid forged	0	5	0
0408	Double Hook	0	6	0
0409	Do. do.	0	4	6

Instruments for General Surgery—Contd.—

0410

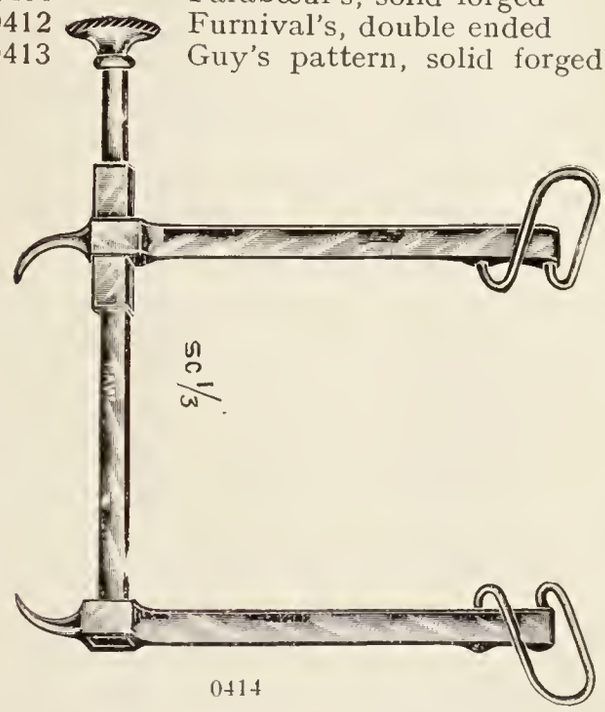
0411



0412

0413

No.	Retractors—Contd.—	£	s.	d.
0410	Durham's, solid forged, 4 sizes, each, ½ in., ¾ in., ⅞ in. and 1 in., each	0	7	0
0411	Faraboeuf's, solid forged	0	7	6
0412	Furnival's, double ended	0	8	0
0413	Guy's pattern, solid forged, sizes, ⅜ in., 6/-; ⅝ in., 6/6; ⅞ in., 7/-; 1¼ in.	0	8	0

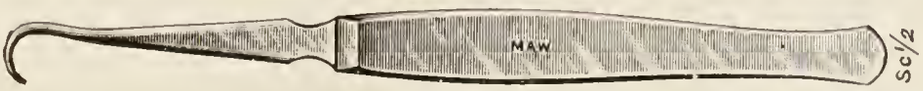


0414

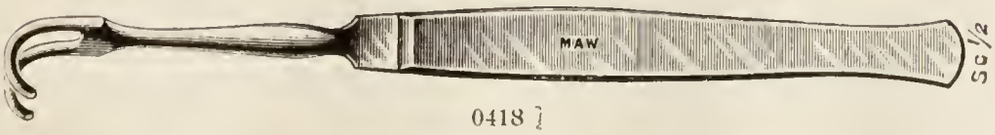
0415

0416

0414	Gossett's, Self-holding	0	16	6
0415	Hook-ended, copper, nickel-plated, 6 sizes, each, ½ in., ¾ in., 1 in. and 1¼ in., 2/-; 1½ in. and 1¾ in. ..	0	2	3
0416	Do. wire, 2 sizes .. .. .. 1 in., 2/3; 1½ in.	0	2	6



0417



0418

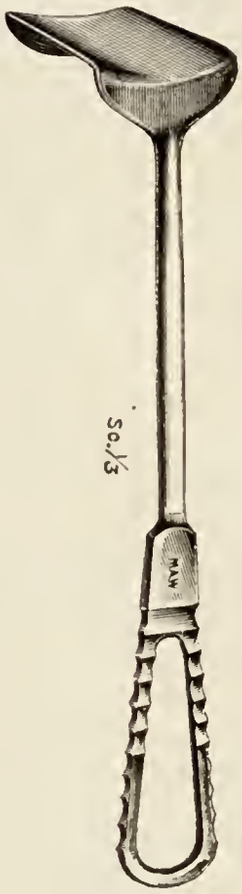
0417	Hook, blunt, single	0	2	0
0418	Do. do. double	0	3	6

Instruments for General Surgery—Contd.—

0420

No.	**Retractors—Contd.—**	£	s.	d.
0419	Jordan Lloyd's automatic retractor, with single sharp and double blunt hook, 3 sizes .. .. .. each, **4/-**, **5/3** and	0	5	6
0420	Jordan Lloyd's Forceps-Retractor	0	6	6

0421

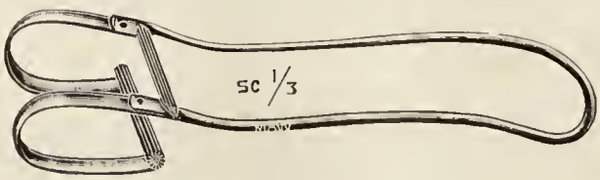


0422

0424

0425

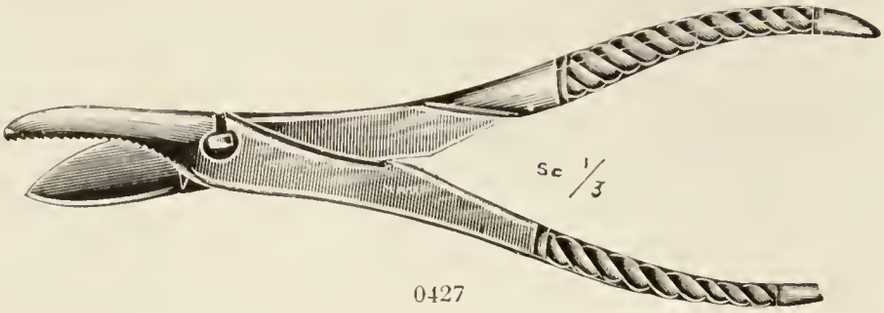
0421	Langenbeck's, solid forged, 2 sizes .. .. $\frac{1}{4}$ in., **5/-**; $\frac{1}{2}$ in.	0	5	6
0422	Morris's, single, flat, 3 sizes, $1\frac{1}{2}$ in., **10/-**; 2 in., **11/-**; $2\frac{1}{2}$ in.	0	12	0
0423	Do. double, 3 sizes, $1\frac{1}{4}$ in. and $1\frac{1}{2}$ in., **9/-**; $1\frac{3}{4}$ in. and 2 in., **10/-**; $2\frac{1}{4}$ in. and $2\frac{1}{2}$ in.	0	10	6
0424	Rectangular, $\frac{7}{8}$ in.	0	7	0
0425	Sunderland Infirmary pattern, with loop handle..	0	6	6



0426

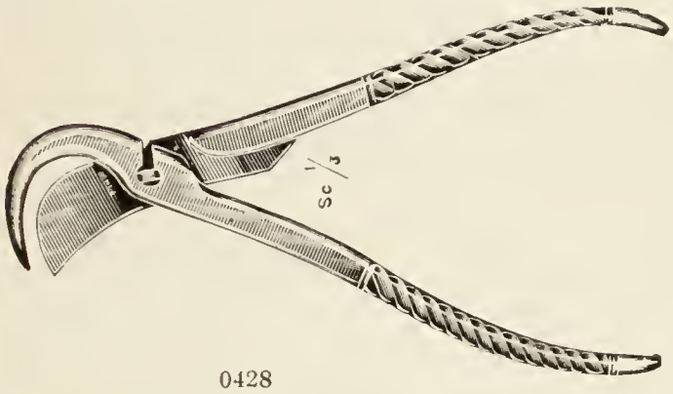
0426	Victor Bonney's, spring-holding	0	5	6

Instruments for General Surgery—Contd.—

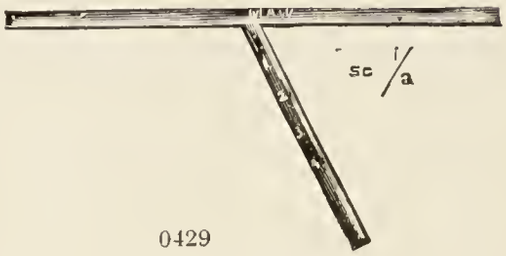


0427

No.	**Rib Shears**—	£	s.	d.
0427	Estlander's, straight	0	14	6



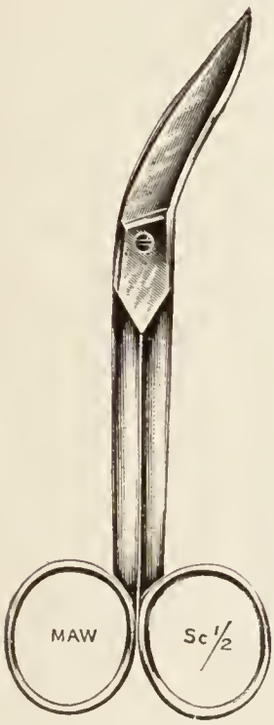
0428



0429

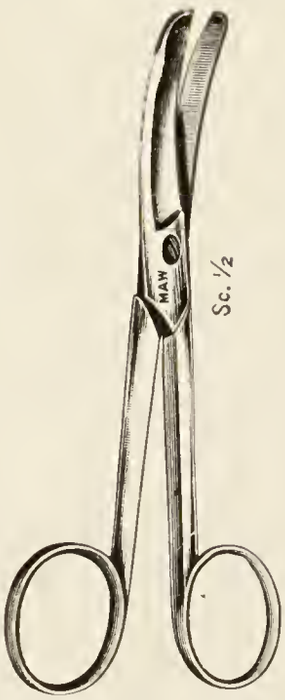
0428	Estlander's, curved	0	14	6
0429	**Rolandometer,** Horsley's, flexible metal..	0	3	6

Rugines (see Periosteal Elevators, page 39).



0430

0432



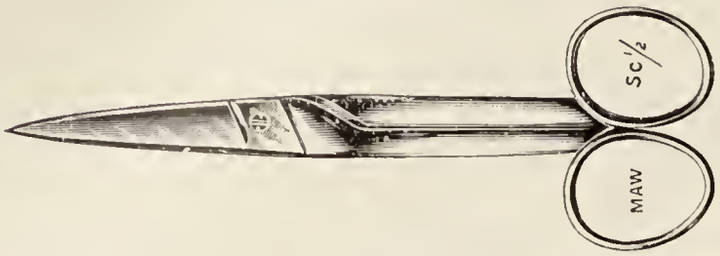
0434

0436

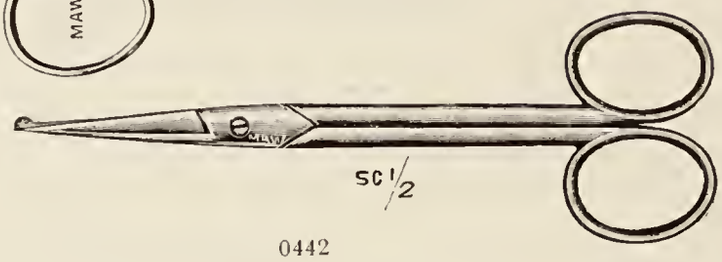
Scissors, best English make, with nickel-plated handles—

0430	Angular with closed shanks, 2 sizes .. .. 4½ in., **3/-**; 5 in.	0	3	3
0431	Do. do., disjointing, 2 sizes 4½ in., **4/6**; 5 in.	0	5	0
0432	Angle on flat, 2 sizes .. .. 5 in., **4/6**; 6 in.	0	5	6
0433	Do., disjointing, 2 sizes .. .. 5 in., **6/-**; 6 in.	0	7	0
0434	Curved on flat, round-pointed, 3 sizes 5 in., **4/-**; 6 in., **4/6**; 8 in.	0	7	6
0435	Do. do., disjointing, 3 sizes 5 in., **6/6**; 6 in., **7/6**; 8 in.	0	9	6
0436	Straight, round-pointed, 6 sizes, 3 in., **2/-**; 4½ in., **2/-**; 5 in., **2/3**; 6 in., **3/-**; 7 in., **4/-**; 8 in.	0	4	6
0437	Do. do., disjointing, 4 sizes, 4½ in., **3/9**; 5 in., **4/-**; 6 in., **4/6**; 8 in.	0	7	0

Instruments for General Surgery—Contd.—

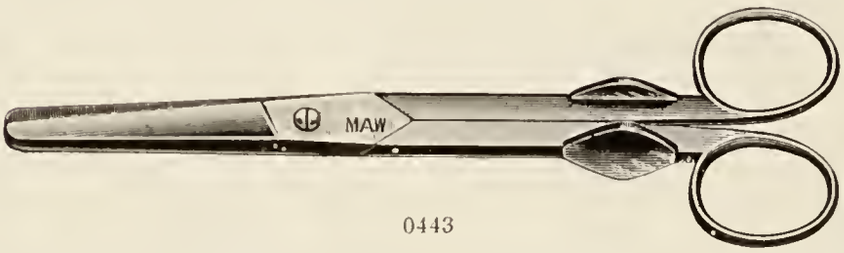


0439



0442

No.	**Scissors,** best English make, nickel-plated—**Contd.**—	£	s.	d.
0438	Straight, round-pointed, with square shanks 5 in., 2/- ; 6 in.	0	2	9
0439	Do sharp-pointed, 2 sizes .. .. 5 in., 2/3 ; 6 in.	0	3	0
0440	Do. do., disjointing, 2 sizes .. 5 in., 4/- ; 6 in.	0	4	6
0441	Do. one blade round and one blade sharp-pointed, 5 in...	0	2	3
0442	Do. button-pointed in one blade, 5 in.	0	2	6
	Any of the above scissors, if fitted with Charles Heath's elevating wings, as No. 0443 .. .. *extra each*	0	3	0

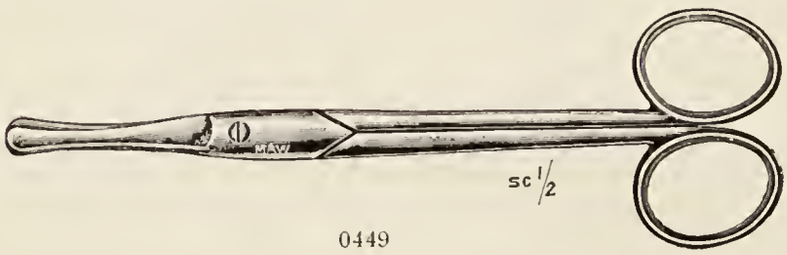


0443

0443	Straight, round-pointed, with Charles Heath's elevating wings 5 in., 5/- ; 6 in.	0	5	6

This improvement in scissors and other instruments enables the operator to place his fingers through the bows whilst the instrument is lying in the sterilizing tray without the use of the other hand, much time and annoyance being thus saved.

0444	Carliss's, angular, 6½ in.	0	6	0
0445	Do., curved on flat	0	6	0
0446	Do., straight, round-pointed	0	3	0



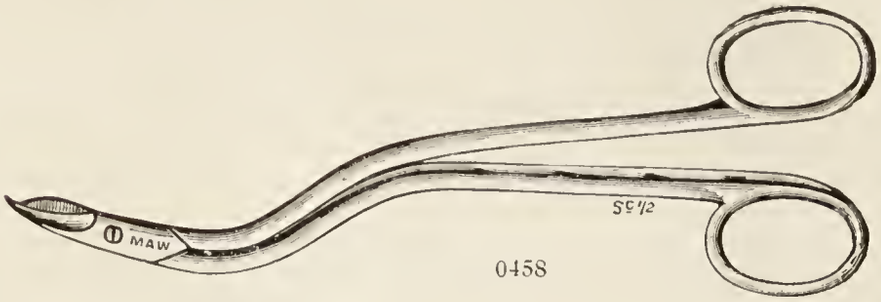
0449

0447	Mayo's, angle on flat (as No. 0432), 7½ in.	0	7	6
0448	Do. curved on flat (as No. 0434), 7½ in.	0	7	6
0449	Do. straight, round-pointed .. .. 5½ in., 3/9 ; 7½ in.	0	5	6

Scissors, "B" Quality, nickel-plated—

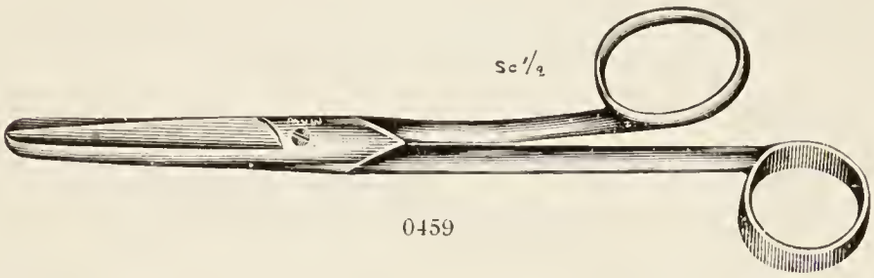
0450	Angular with closed shanks (as No. 0430), 4½ or 5 in.	0	1	4
0451	Do. do., disjointing	0	2	0
0452	Curved on flat, round-pointed, 4½ or 5 in...	0	1	6
0453	Do. do., disjointing	0	2	0
0454	Straight, round-pointed, 4½ or 5 in.	0	1	0
0455	Do. do., disjointing	0	1	6
0456	Do. sharp-pointed, 4½ or 5 in.	0	0	8
0457	Do. do., disjointing	0	1	3

Instruments for General Surgery—Contd.—



0458

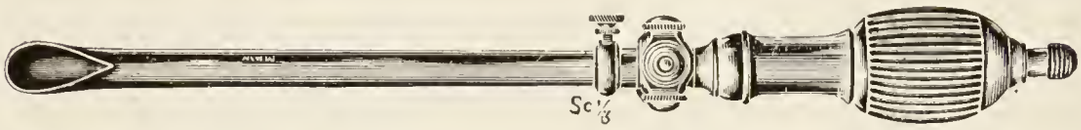
No.		£	s.	d.
	Scissors, Suture, nickel-plated—			
0458	Heath's, for removing sutures	0	3	6



0459

0459	Kocher's, to rest in palm of hand, leaving fingers free, 5 in., 3/6 ; 6 in.	0	4	6

The little finger is passed through the small bow, and the scissors are held in the palm of the hand, leaving the fingers free to pass sutures or ligatures without dropping the scissors.



0460

Scoops, Scrapers, etc.—

0460	Barker's, hollow, for flushing, with stopcock, set of 4, consisting of one blunt, $\frac{9}{16}$ in., and three sharp, namely, $\frac{1}{2}$ in., $\frac{7}{16}$ in., and $\frac{5}{16}$ in., fitting one handle	1	18	0

0461

0461	Barker's, hollow, for flushing, improved model, with stopcock..	0	18	0

0462

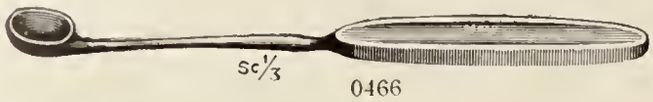
0462	Dunn's, for flushing, with adjustable handle, 3 sizes .. each	0	13	6

0463

0465

0463	Durham's	0	7	0
0464	Heath's (Charles), double, with flat fluted shaft, 6 in. or $6\frac{1}{2}$ in.	0	6	0
0465	Lister's	0	6	0

Instruments for General Surgery—Contd.—

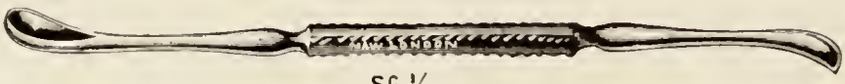


0466

No.	Scoops, Scrapers, etc.—Contd.—	£	s.	d.
0466	Leeds Infirmary pattern, for tubercular joints, etc., 3 sizes, each	0	6	0

0467

0467	Middlesex Hospital pattern, for flushing	0	8	0

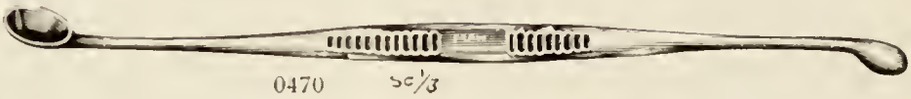


0468

0468	Middlesex Hospital pattern, double, for scraping..	0	6	0

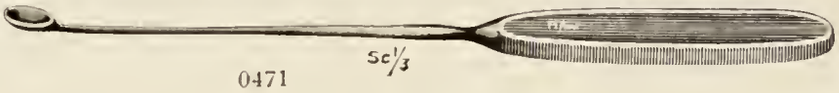
0469

0469	"Mustard Spoon" pattern, for tubercular joints, etc., 3 sizes, each, 8/6, 9/6 and	0	10	6



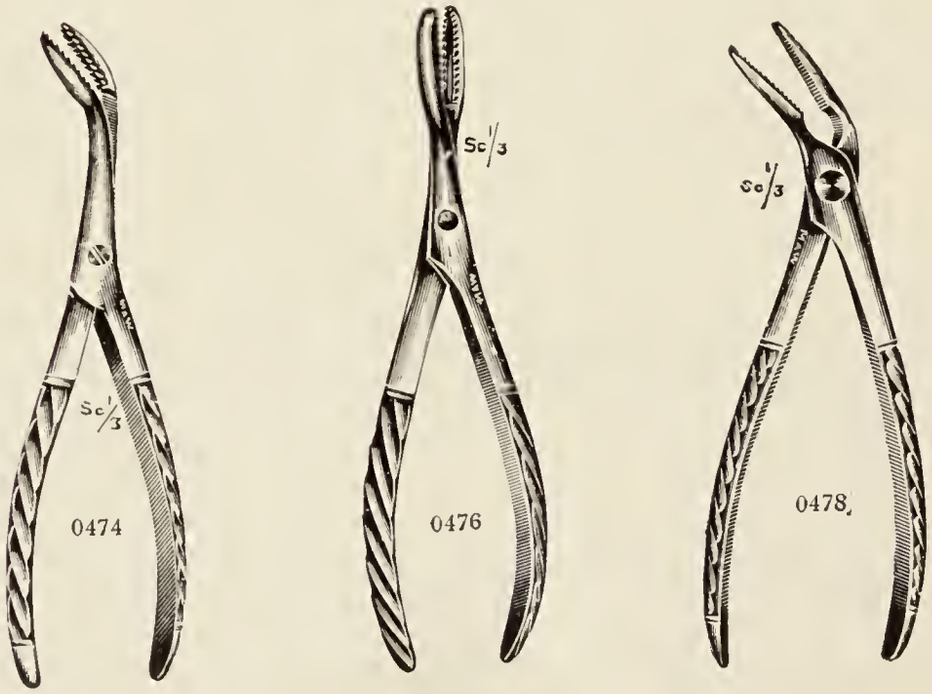
0470

0470	Stanley Boyd's, with plain shaft, 5 in., 3/6; 7 in., 6/-; 9 in.	0	8	0



0471

0471	Volckmann's solid forged, 9 in.	0	6	0
0472	Do. do., 6½ in., 3 sizes .. .. .. each	0	5	6
0473	Do. Teale's modification, 3 sizes .. .. .. ,,	0	6	0

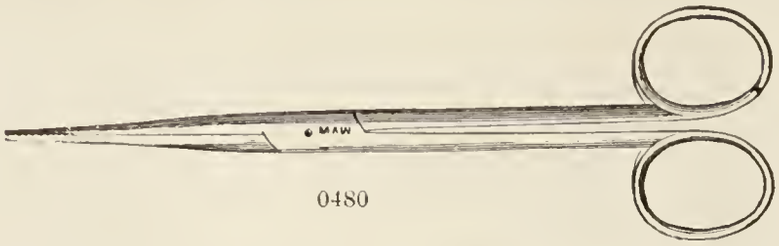


0474 0476 0478

Sequestrum Forceps—

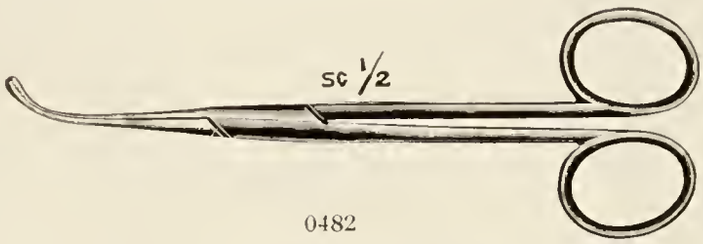
0474	Angular, with screw joint	0	7	0
0475	Do. disjointing	0	9	0
0476	Straight, with screw joint	0	7	0
0477	Do. disjointing	0	9	0
0478	With fine jaws, angular, screw joint	0	7	0
0479	Do. do., disjointing	0	9	0

Instruments for General Surgery—Contd.—



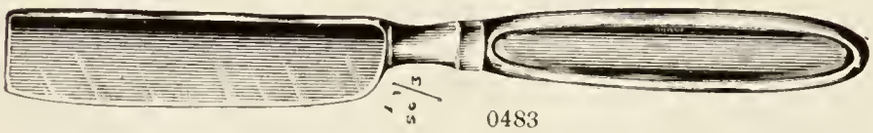
0480

No.	Sinus Forceps—	£	s.	d.
0480	Lister's, with box joint, 2 sizes .. .. 5 in., 3/6; 7 in.	0	5	0
0481	Do. disjointing, 2 sizes .. .. .. 5 in., 4/6; 7 in.	0	6	0



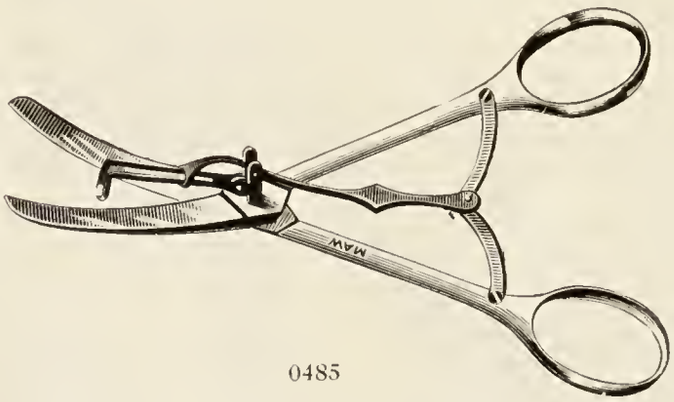
0482

0482	Lister's, curved, 5 in., with box joint	0	4	6



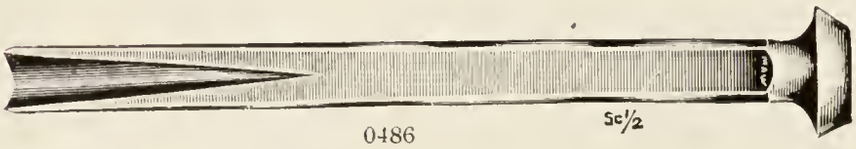
0483

0483	**Skin Grafting Razor,** Watson Cheyne's, in case	0	9	6
0484	Do. do., with folding handle	0	6	0



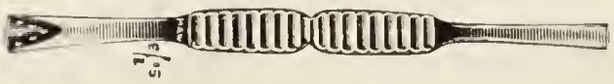
0485

0485	**Skin Grafting Scissors,** in case	1	7	0

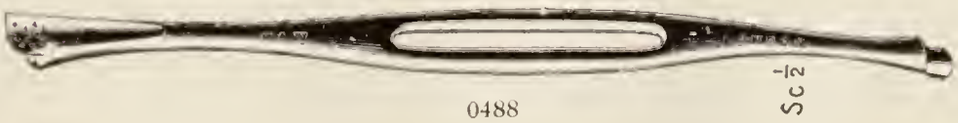


0486

0486	**Skull Chisel,** Lane's, V-shape, "the Parting Tool"	0	6	0



0487

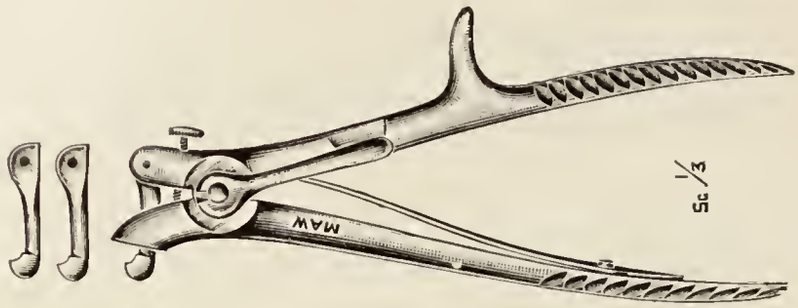


0488

Skull Elevators—

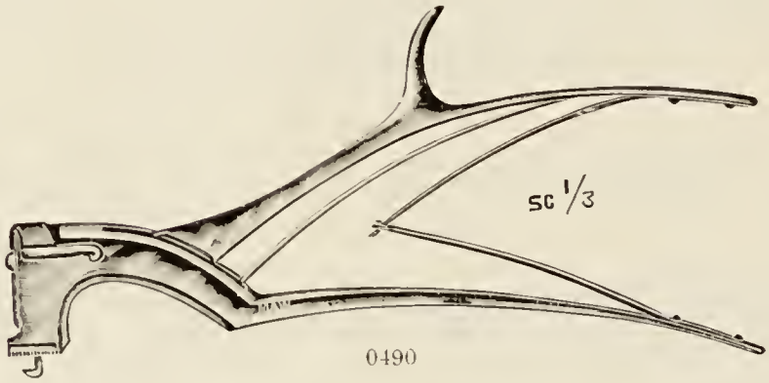
0487	Double ended, fluted	0	2	6
0488	Victor Horsley's	0	4	6

Instruments for General Surgery—Contd.—



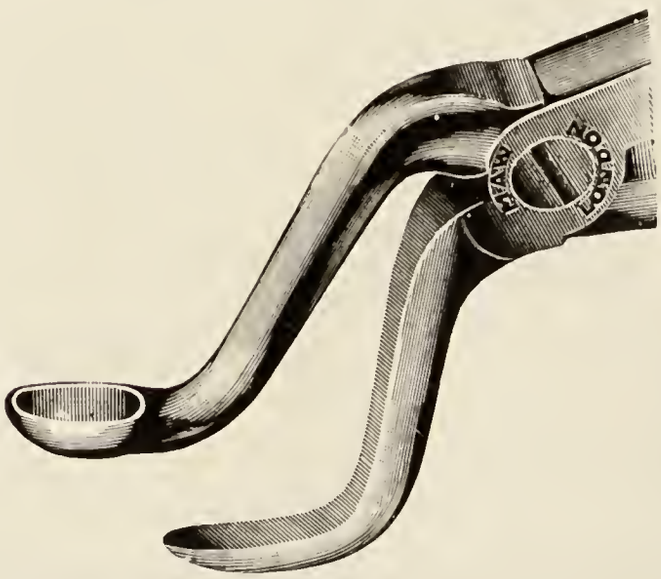
0489

No.	**Skull Cutter—**	£	s.	d.
0489	Dahlgren's, with two spare cutters..	1	0	0



0490

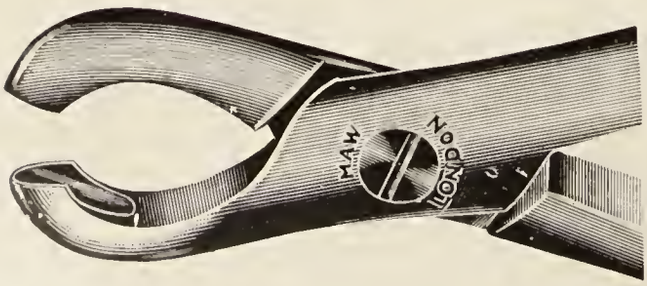
0490	De Vilbis's	1	15	0



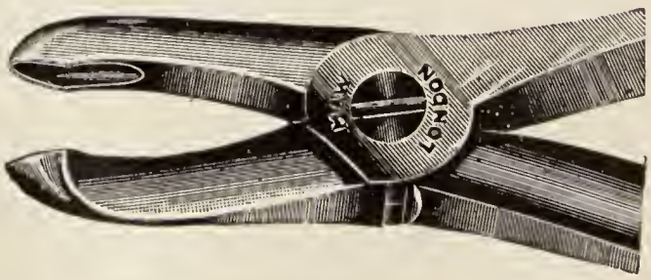
0492

Skull and Gouge Forceps—

0491	Deane's	0	13	6
0492	Do. as modified by St. Clair Thomson	0	18	0



0493



0494

0493	Fergusson's	0	9	0
0494	Heath's (Charles)	0	13	0

Instruments for Genera Surgery—Contd.—

0495

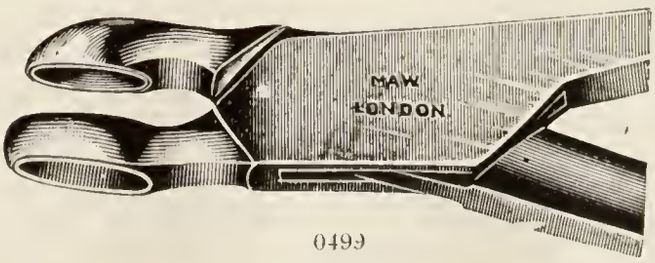
0496

No.	Skull and Gouge Forceps—Contd.—	£	s.	d.
0495	Keene's "Rongeur"	0	18	0
0496	Hoffman's "Rongeur"	0	15	0

0497

0498

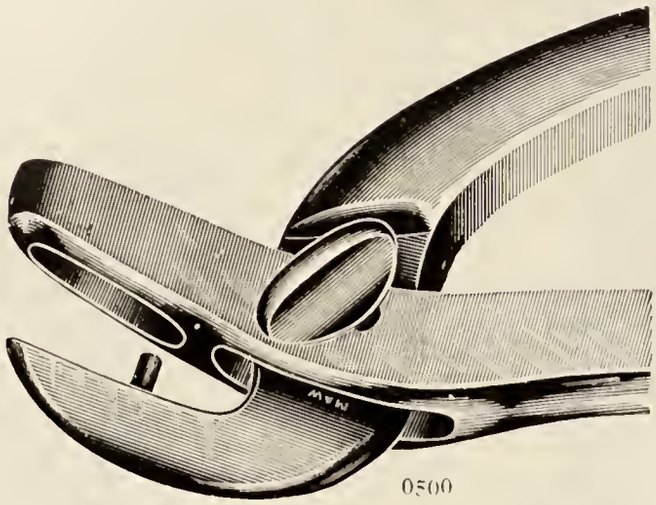
0497	Keene's modification of Hoffman's..	0	16	0
0498	Lane's "Sandbill" or "Fulcrum" pattern	0	15	0



0499

0499	Walsham's	0	15	0

Instruments for General Surgery—Contd.—



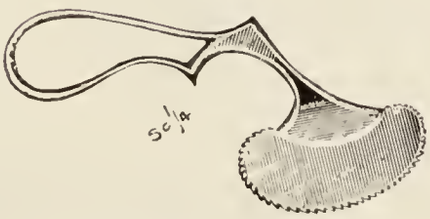
0500

No.	**Skull and Gouge Forceps—Contd.—**	£	s.	d.
0500	Macewen's, with curved handles to take apart	0	18	0

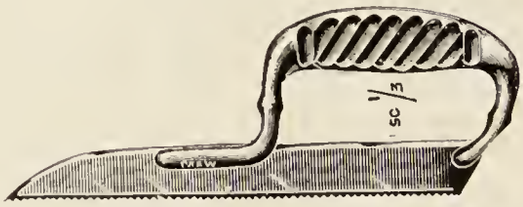
0501

0502

0501	Victor Horsley's Nibbling	0	12	6
0502	Do. do., with fine jaws, and finger rest on handle	0	13	0



0503



0504

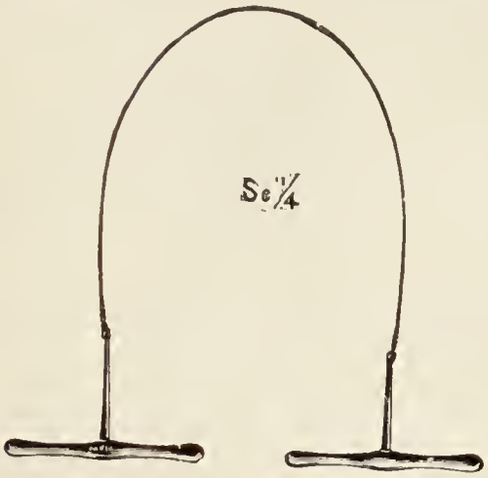
Skull Saws, etc.—

0503	American pattern	0	7	6
0504	Annandale's, for jaw, with handle on back	0	10	0

0505

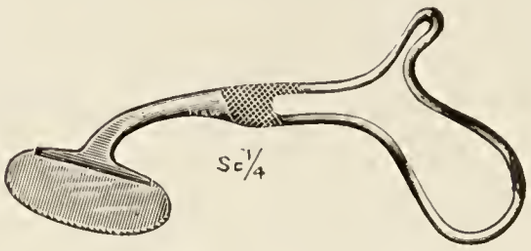
0505	Hey's, solid forged	0	5	0

Instruments for General Surgery—Contd.—



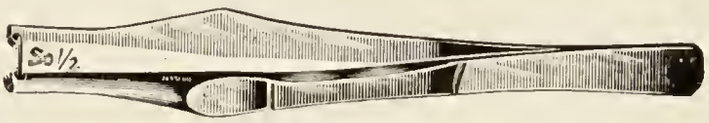
0506

0507



0508

No.	Skull Saws—Contd.—	£	s.	d.
0506	Gigli's, used also for Subcutaneous Osteotomy, consisting of 3 saws, 30 c/m, 50 c/m and 75 c/m, and three handles, in leather case	0	8	6
0507	Director and whalebone guide, for use with above	0	6	0
0508	Victor Horsley's	0	12	0

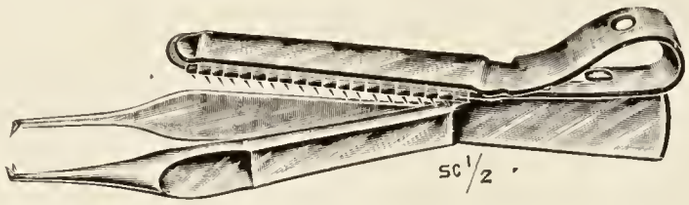


0509

Suture Forceps and Metallic Sutures, etc.—

0509	Forceps for applying and compressing metallic suture clips ..	0	3	0

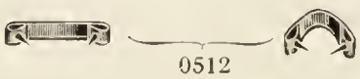
In the above illustration the metallic suture is shown between the jaws of the forceps, ready for application.



0510

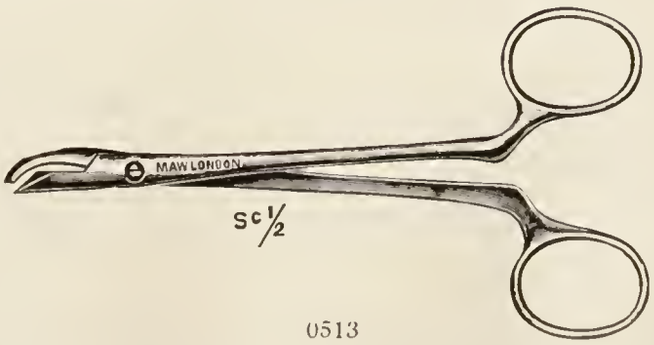
0510	Tenaculum Forceps for holding the edges of the wound together with magazine for carrying the suture clips..	0	4	6

0511



0512

0511	Hooks for removal of metallic sutures	per pair	0	0	6
0512	Metallic Suture Clips	per 100	0	2	0

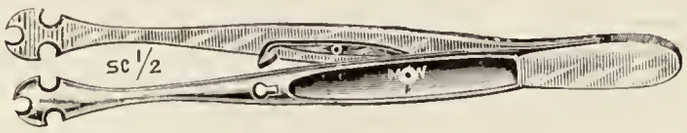


0513

0513	Bow Forceps for the removal of metallic clips	0	3	0

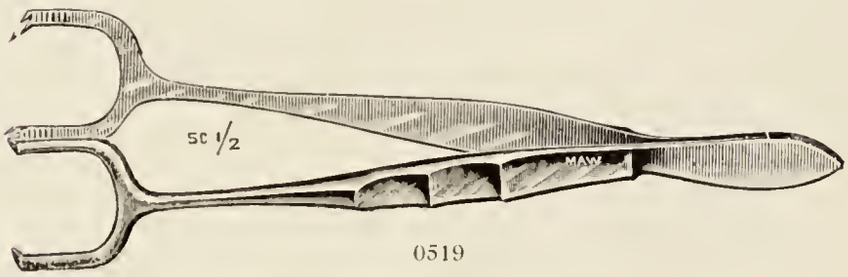
Instruments for General Surgery—Contd.—

No.		£	s.	d.
	Suture Forceps and Metallic Sutures, etc.—Contd.—			
0514	Michel's Set, complete, consisting of Tenaculum Forceps with magazine (No. 0510), Forceps for applying and compressing the Clips (No. 0509), pair of Hooks (No. 0511), and 25 Metallic Suture Clips, in aseptic metal case with lift-out rack	0	13	0
0515	Mayo Robson's improved set, as No. 0514, but with Forceps No. 0513 substituted in place of Hooks, complete in metal case	0	16	0



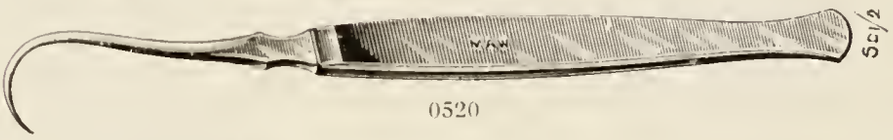
0518

0516	Forceps, Berkeley's	0	7	6
0517	Do. do., with Clip Attachment	0	12	0
0518	Do., Le Riche's	0	8	6



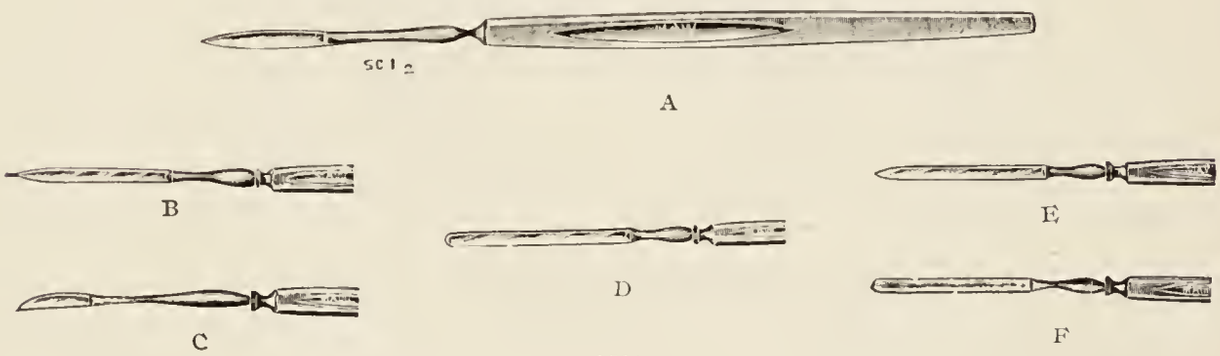
0519

0519	Forceps, Moynihan's, for holding together the edges of a wound ..	0	7	0



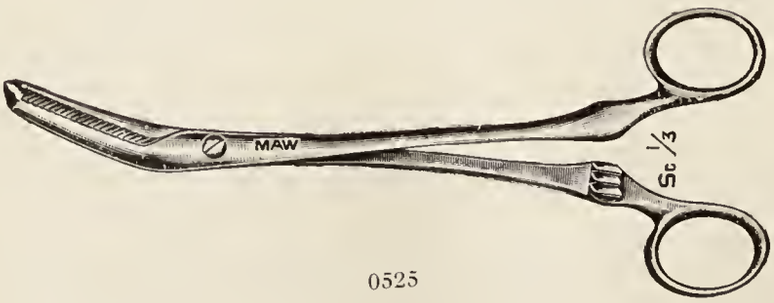
0520

0520	**Tenaculum,** solid forged	0	2	0



0521

0521	**Tenotomy Knives,** with fluted metal handles, 6 patterns, A, B, C, D, E, F .. .. each	0	4	6
0522	Do. do. do. do., set of 6, in metal case ..	1	14	6
0523	Do. do., Parker's, with plain metal handles.. .. each	0	3	0
0524	Do. do. do., set of 4, in metal case	0	17	6

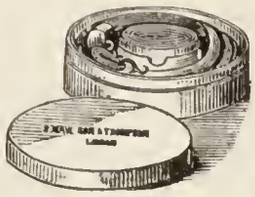


0525

Tongue Forceps—

0525	For excision of tongue, Heath's	0	10	0

Instruments for General Surgery—Contd.—

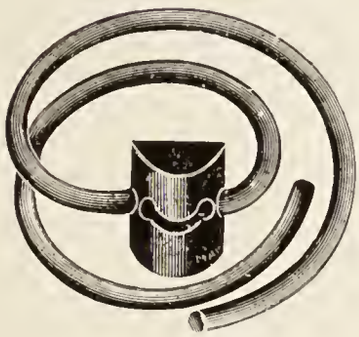


0526

0527

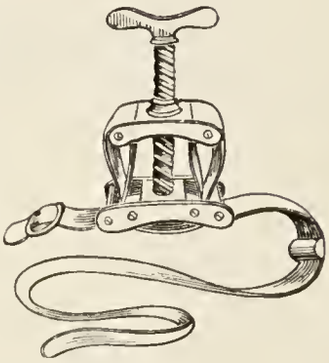
0529

No.	Tourniquets—	£	s.	d.
0526	Esmarch's, india-rubber, with hook, chain and bandage, complete in black japanned tin box	0	11	0
0527	Esmarch's, india-rubber, with hook and chain only	0	2	6
0528	Field	0	2	3
0529	Do. latest Army pattern, with webbing band and buckle ..	0	1	0



0530

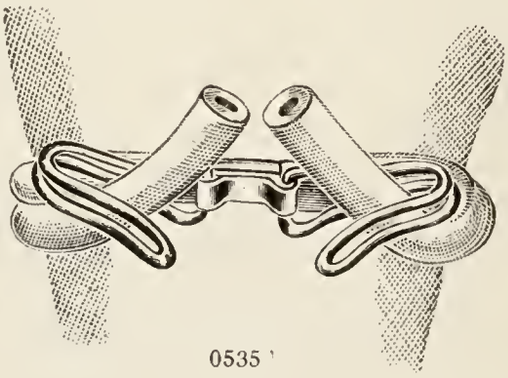
0533



0534

0530	Foulis's, india-rubber, with vulcanite block	0	2	3
0531	Do. do., extra large, with boxwood block	0	3	0
0532	Do. do., with Esmarch's band	0	7	6
0533	Samway's	0	6	6
0534	Screw (Petit's), Army pattern	0	4	6

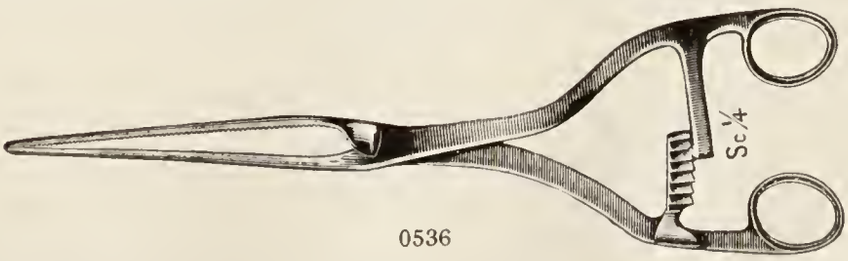
0535



0535

0535	"Securitas," Maw's (Reg. No. 495414)	0	5	0

This tourniquet consists of two metal hooks, working by a hinge movement on a short metal tube, and a piece of thick walled rubber tubing. When in use both ends of the india-rubber tubing are on the stretch and there is therefore equal tension throughout. The india-rubber constricting band being made in a tubular form, becomes flattened when in use and does not, therefore, cut into the skin as does a solid cord.

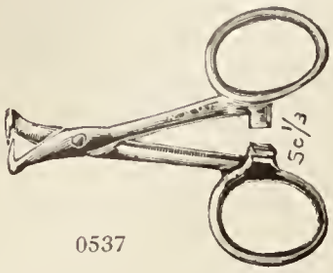


0536

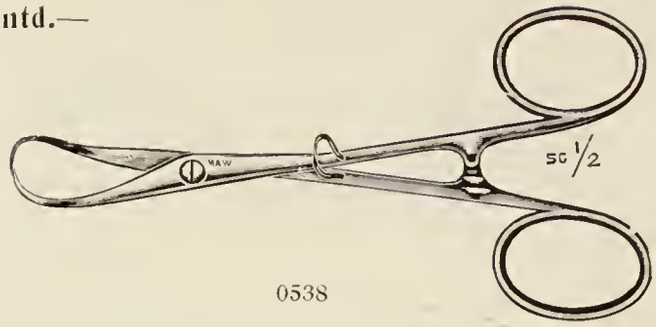
Tourniquet Forceps—

0536	Lynn Thomas's, for controlling hæmorrhage in flap amputations	1	4	0

Instruments for General Surgery—Contd.—

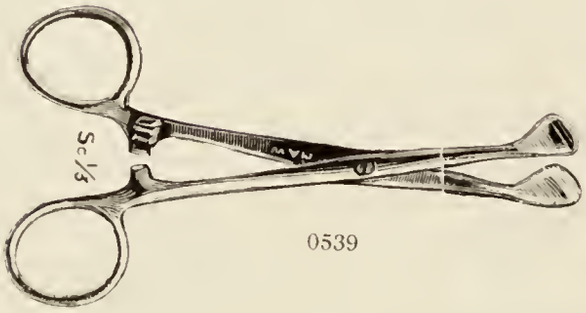


0537

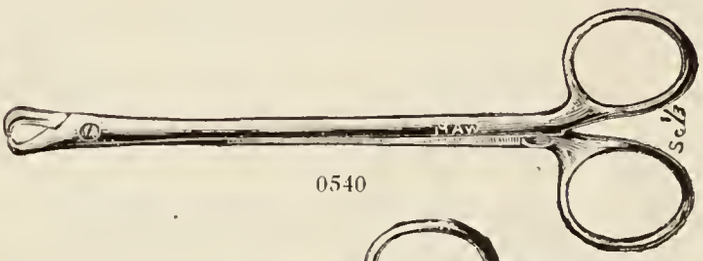


0538

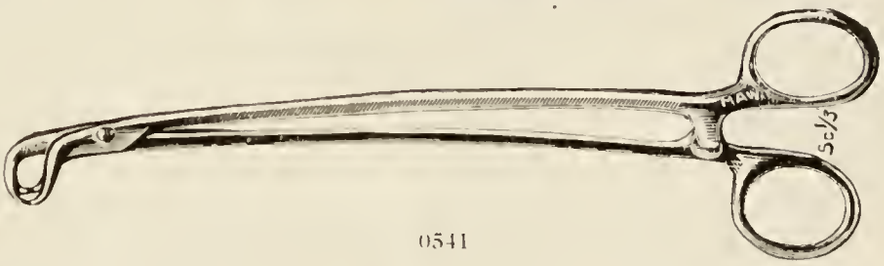
No.	Towel Clips and Forceps—	£	s.	d.
0537	Backhaus's	0	3	0
0538	Dobson's	0	4	0



0539



0540

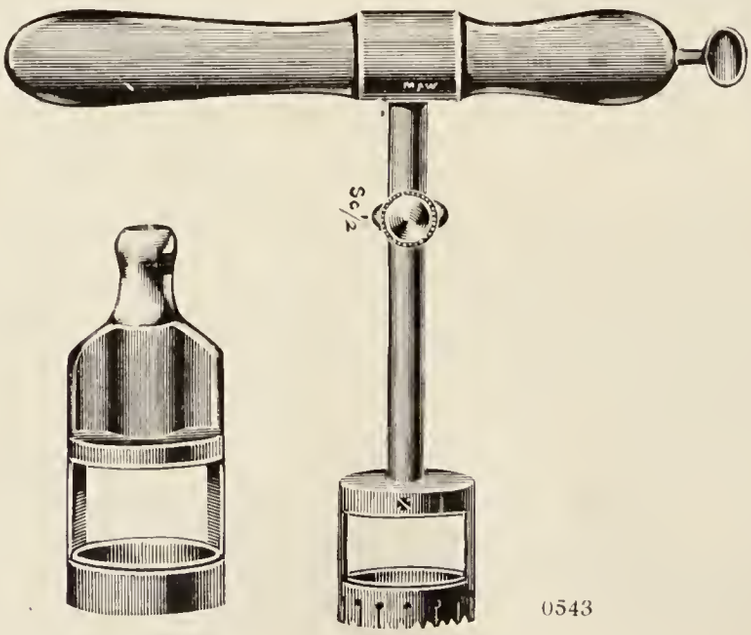


0541

0539	Moynihan's	0	6	9
0540	Do. Tetra-clamp, single, for upper and lower edge of wound	0	7	6
0541	Do. do., double, for sides of wound	0	10	0

0542

0542	Spring with tenaculum points	0	2	6

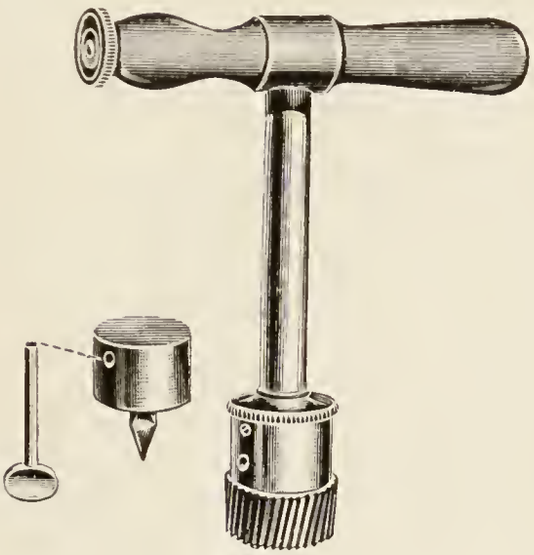


0543

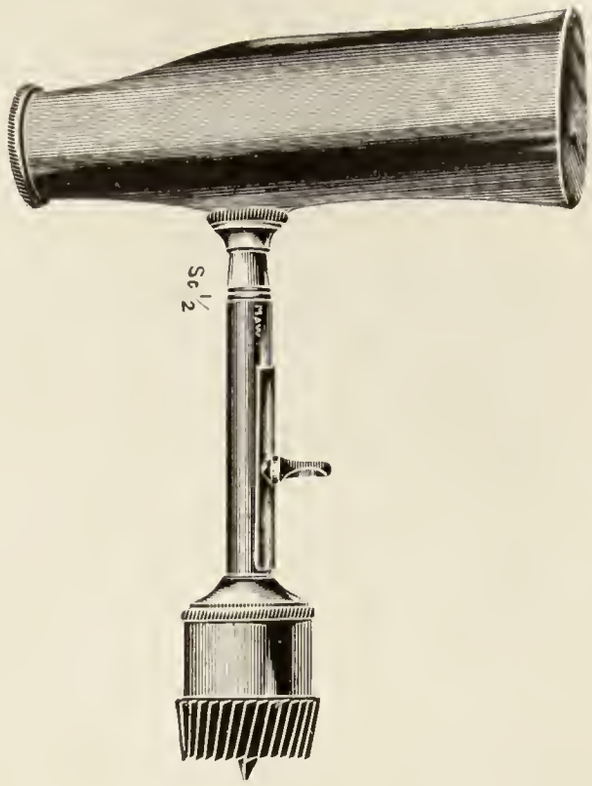
Trephines, with metal handles—

0543	Falla's, with adjustable guard to regulate the depth of the cut, ½ in., **12/6**; ¾ in., **14/6**; 1 in., **16/6**; and 1¼ in...	0	18	6
0544	Do. set of 4, fitting one handle, in aseptic metal case.. ..	2	0	0

Instruments for General Surgery—Contd.—

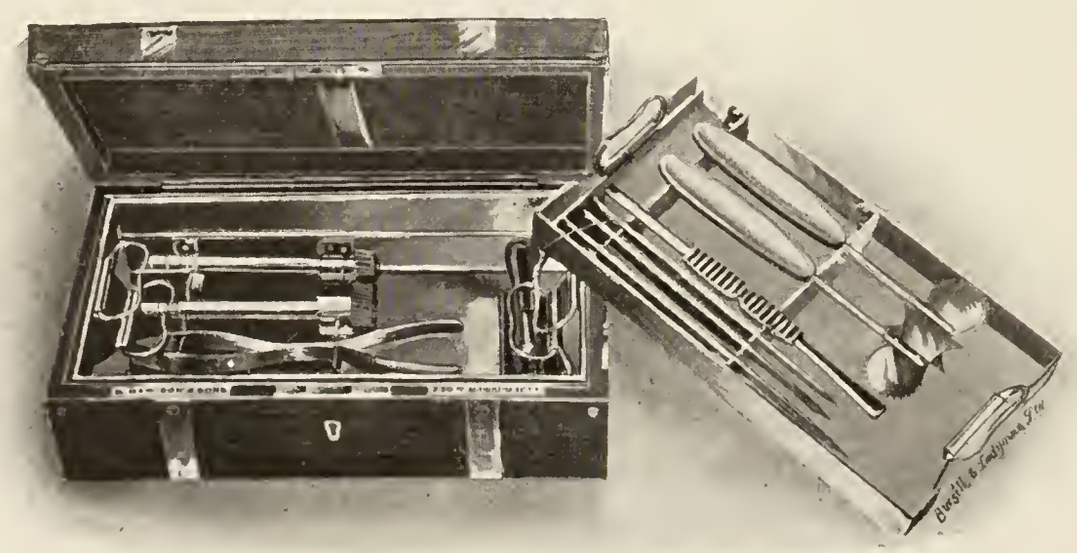


0545



0548

No	Trephines—Contd.—	£	s.	d.
0545	Horsley's, aseptic, 7 sizes, $\frac{1}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in. and 1 in., **15/-**; $1\frac{1}{4}$ in., **18/-**; $1\frac{1}{2}$ in., **20/-**; 2 in.	1	1	0
0546	Do., set of 4 ($\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in. and $1\frac{1}{4}$ in.), fitting one handle, in aseptic metal case	3	5	0
0547	Lockwood's, with dome top, 3 sizes, $\frac{1}{2}$ in., $\frac{3}{4}$ in. and 1 in. ..	0	15	0
0548	Walsham's, with crutch handle, 7 sizes, $\frac{1}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in. and 1 in., **16/-**; $1\frac{1}{4}$ in., **20/-**; $1\frac{1}{2}$ in., **23/-**; 2 in. ..	1	7	0
0549	Do., set of 4 ($\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in. and $1\frac{1}{4}$ in.), fitting one handle, in aseptic metal case	3	7	0
0550	**Trephine Brush,** for cleaning Trephines	0	0	9



0551

0551 **Trephining Set,** for Medical Officers of Ships in His Majesty's Navy, consisting of—

Elevator, double ..	1	Scalpels, aseptic ..	2
Forceps, Skull	1	Do. tang, aseptic	1
Lenticular, aseptic ..	1	Trephine, large, aseptic	1
Saws, Hey's, aseptic ..	2	Do. small, aseptic	1

In brass-bound oak case, with nickel-plated frame and tray .. **5 10 0**

Instruments for General Surgery—Contd.—

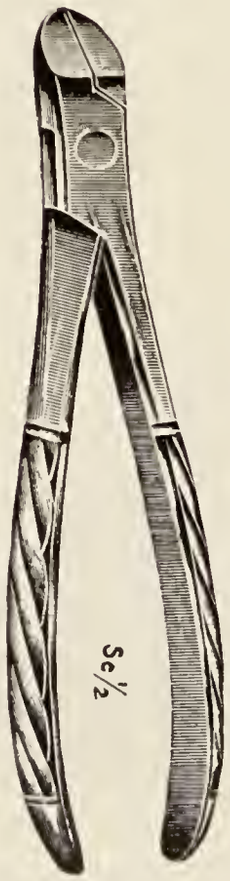
No.		£ s. d.
0552	**Trephining Set,** consisting of—	

Horsley Aseptic Trephines	4	Keene's Skull Forceps (No. 0497)	1
Handle for do.	1	Probe, silver	1
Hey's Skull Saw (No. 0505)	1	Scalpel, solid forged .	1
Horsley's Elevator (No. 0377)	1	Do. with raspatory (No. 0205)	1

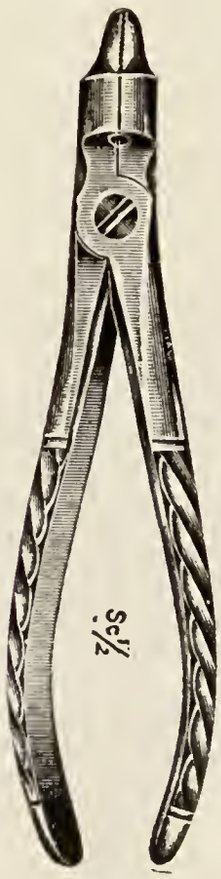
In brass-bound oak case 5 15 0

0553

0553 **Vein Extractor,** Babcock's, fitted with 3 tips and made to unscrew in centre to go into sterilizer 0 7 6



0554



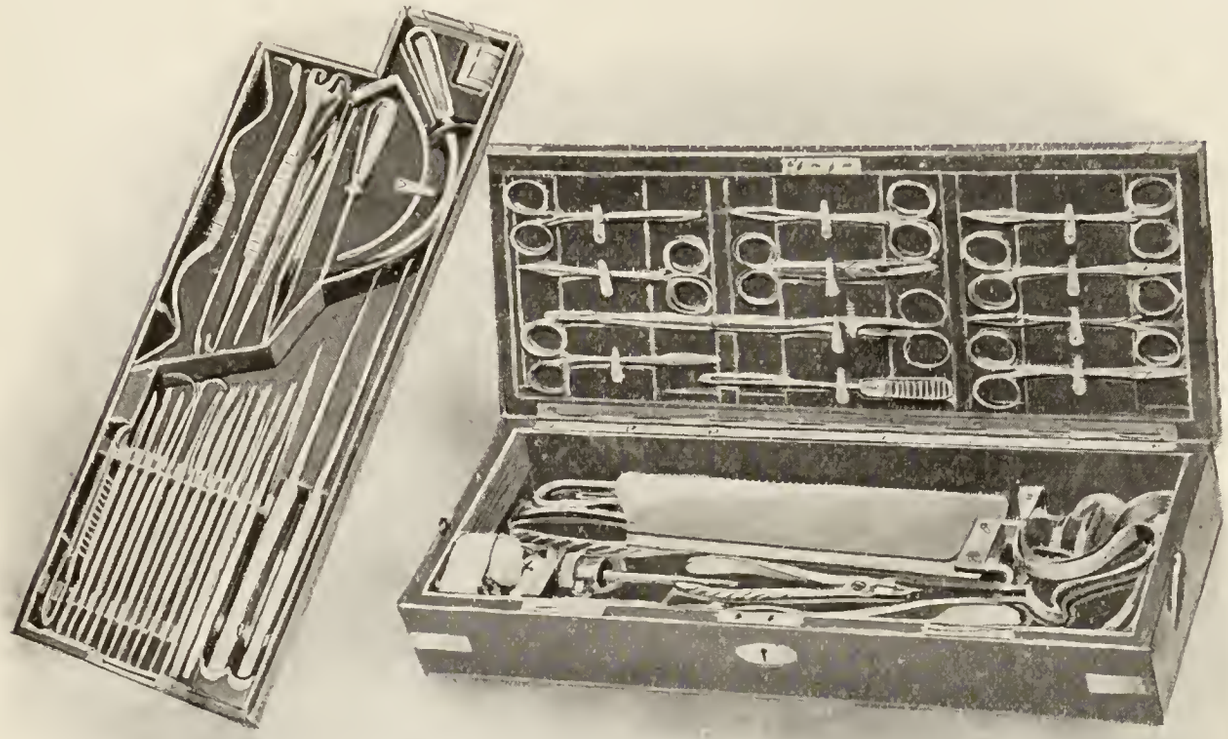
0555

0556

Wire or Pin Nippers—

0554	Angle on flat, with fluted handles..	0 7 0
0555	Straight, combined with pin holder	0 7 6
0556	Carter's, with plain handles..	0 7 6

SETS OF INSTRUMENTS AND OUTFITS FOR GENERAL SURGERY, ETC.



0558

No. 0557 **Army Regulation Case of Operation Instruments (aseptic),** consisting of—

Bistoury, straight, blunt	1
Do. do. sharp	1
Do. curved, blunt	1
Do. do. sharp	1
Do. Hernia	1
Canulæ, Tracheotomy, Fuller's, silver	2
Catheters, olivary, solid end, Nos. 1, 3, 4, 7, 9 and 12	6
Do. silver, Nos. 3 and 5	2
Do. nickel-plated, No. 8	1
Director, Hernia	1
Do. silver, 5 in., with spoon end	1
Do. steel, 8 in.	1
Elevator, double	1
Forceps, Artery, fenestrated	1
Do. do. Spencer Wells's	16
Do. Bone	1
Do. Bullet	1
Do. Dissecting	2
Do. "Lion"	1
Knife, Amputation, 6 in.	1
Do. do. Syme's	1
Needle, Aneurism	1
Needle, Liston's	1
Needles, Hagedorn's, assorted	12
Do. Surgeon's	12
Needle Holder	1
Probang, double	1
Probes, silver, 10, 8, 6 and 5 in.	4
Pliers, for cutting wire	1
Retractors, double	2
Saw, movable back	1
Do. Amputation	1
Scalpels, 4 in. and 3 in.	2
Do. ordinary	3
Do. tang	1
Scissors, curved on flat	1
Do. straight	1
Scoop, double, Volckman's	1
Silk, patent plaited	hank 1
Tourniquet, screw	1
Trays, metal, for protecting case	2
Trocar and Canula, Pearse's	1
Do. do. hydrocele	1
Trephine, metal handle	1
Wire, silver, for sutures	reel 1
List of Contents	1

Instruments fitted into lift-out frames in a metal inner tray, and the whole contained in a brass-bound mahogany case, polished inside and out, with lock and key, and brass hooks at either end, in waterproof canvas cover .. £ 22 s. 10 d. 0

0558 **Army Regulation Case of Operation Instruments,** New Model (1905), consisting of—

Bistoury, straight, sharp	1
Do. do. B.P.	1
Do. curved, sharp	1
Do. do. B.P.	1
Do. hernia	1
Canula, Tracheotomy, Fuller's Bivalve, Silver, large	1
Do. Tracheotomy, Fuller's Bivalve, Silver, small	1
Catheters, olivary, Nos. 1, 3, 4, 7, 9, 12, solid ends	6
Catheters, silver, Nos. 3 and 5, solid ends	2
Do. nickel, No. 8, solid ends	1
Director, Hernia	1
Do. silver, 5 in. spoon end	1
Do. steel, 8 in.	1
Elevator, double	1
Forceps, artery, fenestrated	1
Do. do. Spencer Wells's	16
Do. Bone	1
Do. Bullet, Stevenson's	1

Sets of Instruments and Outfits for General Surgery—Contd.—

No.
0558 **Contents of New Model Army Regulation Case—Contd.—**

Forceps, Dissecting			2
Do. Lion			1
Knife, Amputating, M.H., 6 in.			1
Do. do. Syme's, M.H.			1
Needles, Aneurism, M.H.			1
Do. Liston's, M.H.			1
Do. Hagedorn's assorted			12
Do. Surgeon's			12
Needle Holder			1
Probang, double			1
Probes, silver, 10 in., 8 in., 6 in., 5 in.			4
Pliers, wire		pair	1
Retractors, double, metal			4
Saw, movable back, M.H.			1
Saw, Amputating, M.H.			1
Scalpels, metal handles 4 in. and 3 in.			2
Do. do.			3
Do. do. tang			1
Scissors, curved on flat			1
Do. straight, blunt pointed			1
Scoop, double, Volckmann's			1
Silk for ligatures		hank	1
Tourniquet, screw, small			1
Trocar and Canula, Pearce's			1
Do. do. hydrocele			1
Trephines, with one metal handle			2
Wire, silver, for sutures (¼ oz.)		reel	1
Mahogany case, with key			1

Instruments fitted into brass-bound mahogany case, velvet-lined, with lift-out tray, and lock and key, in tin protecting trays with waterproof canvas cover .. £ 18 s. 0 d. 0

0559

0559 **Set of Instruments for General Surgery,** consisting of—

Amputation Knife, 6 in.	1
Do. Saw, wide blade	1
Aneurism Needle	1
Artery Forceps, Spencer Wells's	12
Bistoury, curved, blunt	1
Do. do. sharp	1
Do. straight, blunt	1
Bone Forceps, Liston's, curved	1
Breast Knife	1
Chisel, with fluted handle	1
Director, Fistula, steel	1
Dissector, with raspatory	1
Do. Watson Cheyne's	1
Dissecting Forceps	1
Finger Knife	1
Do. Saw	1
Gland Enucleator	1
Do. Forceps, 6 in.	1
Gouge, Guy's pattern	1
Hammer, steel	1
Hernia Director, Key's	1
Do. Knife	1
Do. Needles, Lockwood's	2
Hook, sharp	1
"Lion" Forceps, Fergusson's	1
Nævus Needle, Liston's	1
Needle Holder, Hagedorn's	1
Needles, Hagedorn's	12
Do. ordinary pattern	12
Needle in Handle, Cullingworth's	1
Probes, silver, 6 and 8 in.	2
Resection Saw, Wood's	1
Retractors, double	2
Scalpels	3
Scissors, straight, round pointed, 6 in.	1
Do. curved, do. 6 in.	1
Scoop, double	1
Sequestrum Forceps, straight	1
Sinus Forceps, Lister's	1
Silk, sterilized, in glass tube	1
Skull Elevator, Horsley's	1
Skull Forceps, Keene's	1
Do. Saw, Horsley's	1
Syme's Ankle Knife	1
Tenotomy Knives	4
Tourniquet, Esmarch's	1
Trachea Dilator	1
Tracheotomy Tubes, silver, bivalve	2
Trephine, Horsley's ¾ inch	1
Do. Brush	1
Trocar, Hydrocele	1

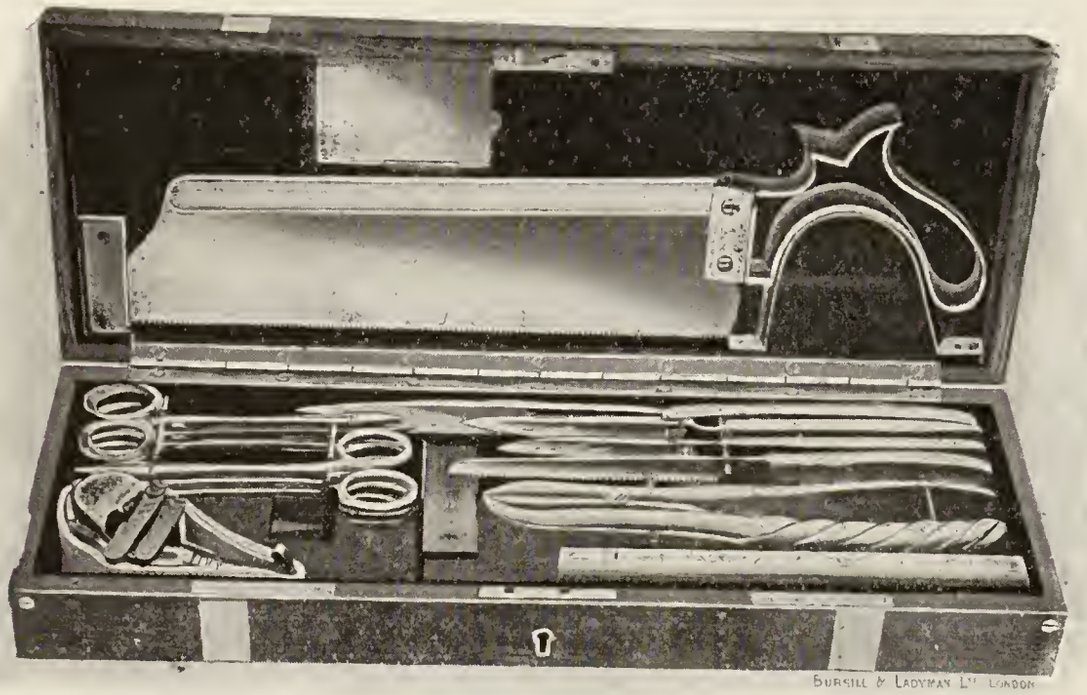
Sets of Instruments and Outfits for General Surgery—Contd.—

No.
0559 **Contents of No. 0559—Contd.—**

Sterilizer, 16 in. .. .. 1 | Lamp for do. 1

Instruments fitted into lift-out metal frames and wood blocks. The metal frames fit into the sterilizer, and the whole is contained in a brass-bound mahogany case, polished inside and out, and enclosed in waterproof canvas cover .. £ 28 s. 0 d. 0

Dimensions: 18½ in. by 10¾ in. by 5¾ in.



0560

0560 **Set for Amputations,** consisting of—

Amputation Knife, Liston's, 6 in...	1	Metacarpal Saw	1
Do. Saw, wide blade ..	1	Needles, in metal case	6
Artery Forceps, Spencer Wells's ..	6	Screw Tourniquet	1
Bone Forceps, Liston's, 8 in. ..	1	Sterilized Silk in glass tube, enclosed in outer metal case	1
Breast Knife..	1	Syme's Ankle Knife..	1

(*a*) Instruments fitted into brass racks and wood blocks in polished oak case, with lock and key and hooks at either end, enclosed in waterproof canvas cover .. 5 15 0

(*b*) Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilizing, and the whole contained in a brass-bound mahogany case, polished inside and out, enclosed in waterproof canvas cover 8 15 0

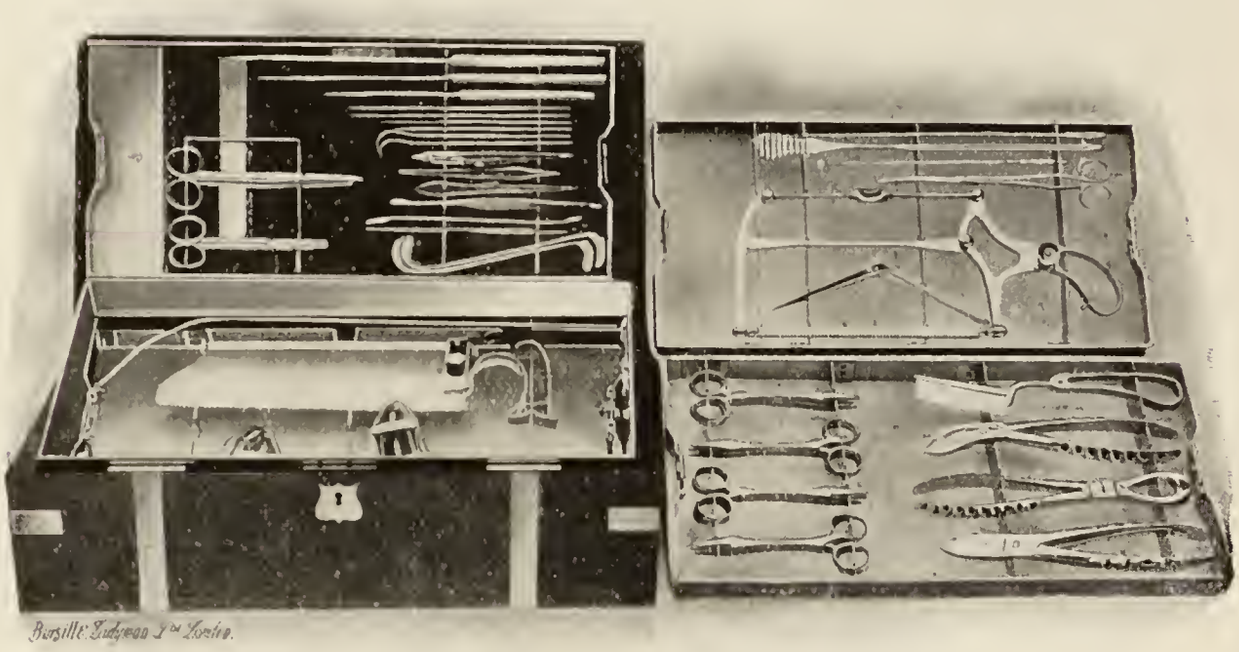
0561

Sets of Instruments and Outfits for General Surgery—Contd.—

No.
0561 **Set for Amputations,** consisting of—

Amputation Knife, Liston's, 6 in...	1	Metacarpal Saw	1
Do. do. do. 7 in...	1	Needles, in metal case	6
Amputation Saw, wide blade ..	1	Resection Saw	1
Artery Forceps, Spencer Wells's ..	6	Sterilized Silk in glass tube, enclosed in outer metal case	1
Bone Forceps, Liston's	1	Symes's Ankle Knife	1
Breast Knife	1		
Esmarch's Tourniquet	1		

	£ s. d.
(*a*) Instruments fitted into brass racks and wood blocks in brass-bound oak case, polished inside and out, and enclosed in waterproof canvas cover	7 10 0
(*b*) Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilizing purposes, and the whole contained in a brass-bound mahogany case, polished inside and out, with lock and key, and brass hooks at either end, enclosed in a waterproof canvas cover	10 15 0



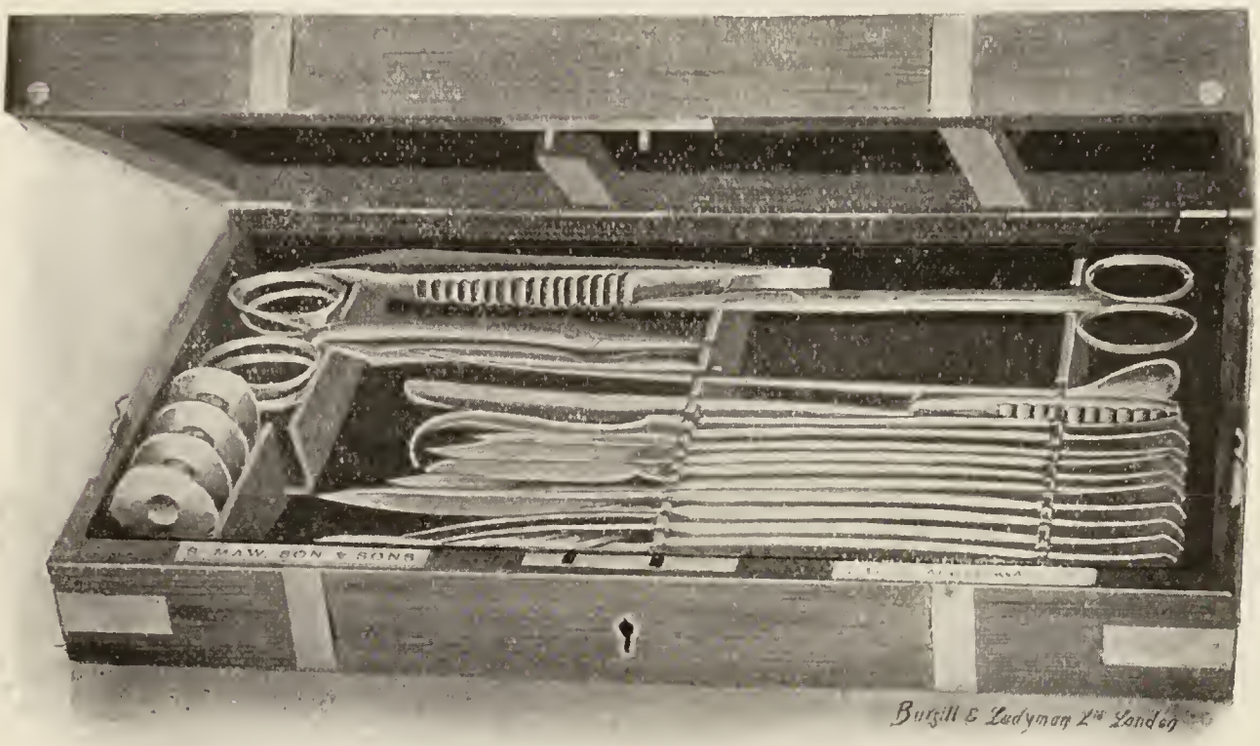
0562

0562 **Amputation Case for Medical Officers of Ships in His Majesty's Navy,** consisting of—

Bullet Forceps, aseptic	1	Probang, with coin catcher.. ..	1
Do. Probe, plated, 6 in... ..	1	Retractors, plain metal, 1 in. ..	4
Do. do. do. 8 in... ..	1	Saw, Amputation, large, aseptic ..	1
Do. do. do. 10 in. ..	1	Do. Wood's, aseptic	1
Forceps, "Lion," aseptic	1	Scalpels, aseptic	4
Do. curved to left, aseptic ..	1	Do. do. 3 in.	1
Do. large, aseptic	1	Do. do. 4 in.	1
Do. Spencer Wells's aseptic..	12	Scissors, curved on flat, 5 in., aseptic	1
Do. Spring, aseptic	1	Do. straight, 6 in., aseptic ..	1
Knife, Amputation, 6 in., aseptic ..	1	Silk, Suture .. .. .. oz.	2
Do. do. Symes's, joint..	1	Tourniquet, screw, Petit's	2
Needle, Aneurism	1	Trocar and Canula, small	1
Needle Holder, McPhail's ..	1	Volckmann's Spoons, double, aseptic	2
Needles, Suture, plated, curved ..	6	Wheelhouse's Staff	1
Do. do. do. ½-curved ..	6	Do. Gorget	1
Do. do. do. straight ..	6	Do. Director	1
Do. do. do. intestinal ..	6		

Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilizing purposes, and the whole contained in a brass-bound oak case, polished inside and out, with lock and key, and brass hooks at either end ..	20 15 0
0563 Waterproof canvas cover, with straps and handle for ditto.. .. .. extra	0 10 6

Sets of Instruments and Outfits for General Surgery—Contd.—



0564

0564 Set of Instruments for Minor Surgery, consisting of—

Aneurism Needle	1
Artery Forceps, Spencer Wells's ..	2
Bistoury, curved, sharp	1
Do. do. probe	1
Director, steel	1
Dissecting Forceps	1
Finger Knife	1
Hernia Director, Key's	1
Hernia Knife..	1
Nævus Needle, Liston's	1
Needles, in metal case	6
Paget's Abscess Knife	1
Scalpels	3
Scissors	1
Silk, on metal reel	1

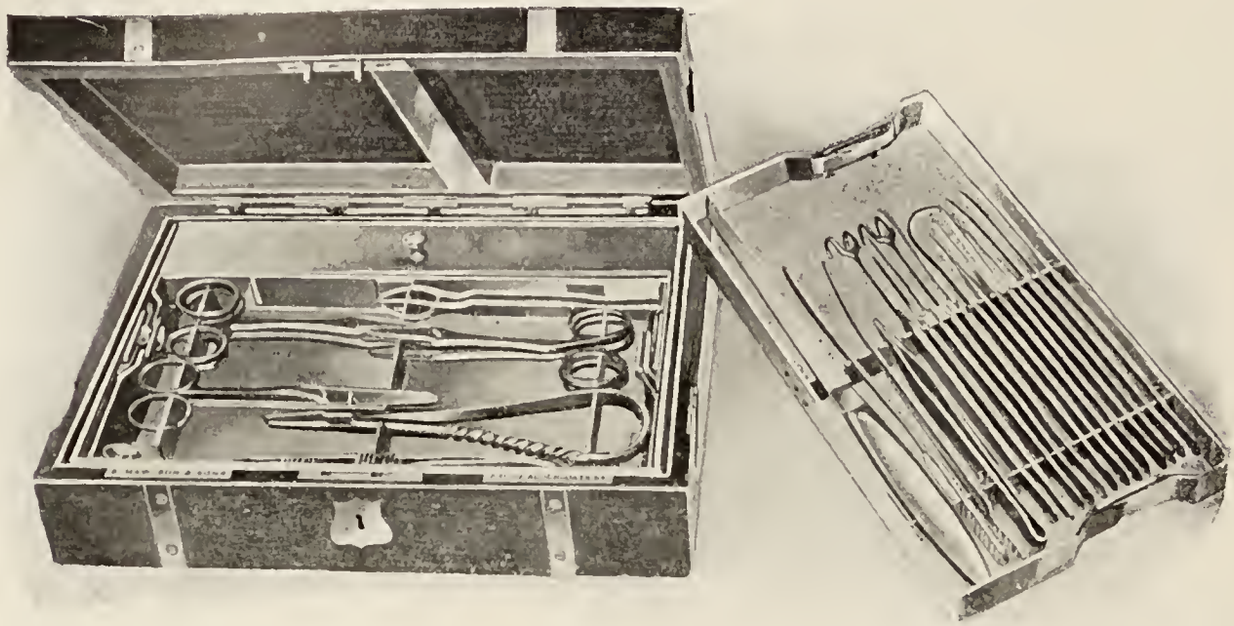
	£ s. d.
(*a*) Instruments fitted into brass racks and wood blocks, in polished brass-bound oak case, with lock and key (as illustrated), enclosed in waterproof canvas cover ..	3 15 0
(*b*) Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilizing purposes, and the whole contained in a brass-bound mahogany case, with lock and key, enclosed in waterproof canvas cover	5 10 0

0565 Set of Instruments for Minor Surgery, as supplied in Field Medical Panniers, consisting of—

Bistoury, straight, blunt-pointed .. (in case)	1
Do. Hernia .. (in case)	1
Needle, Aneurism .. (in case)	1
Scalpel, large, 4-inch .. (in case)	1
Scalpels	2
Case, Mahogany, unpolished, with racks for above	1
Catheters, Olivary, Nos. 4, 8 and 10	3
Do. do. tin case for ..	1
Director, Hernia	1
Elevator	1
Forceps, Artery, Spencer Wells's, prs.	6
Forceps, Artery, fenestrated pair	1
Do. Bone .. .. ,,	1
Do. Dissecting .. .. ,,	1
Needles, Surgeon's, straight, in vulcanite case (lettered)	12
Probe, Silver	1
Saw, movable back, blade and handle, and shield to protect blade	1
Scissors, straight, blunt-pointed, pair	1
Case Silk and Catgut Sterile, 30-inch lengths (6 glass tubes of each in Japanned Tin Case)	1
Eye Spud and Needle	1

Instruments fitted into roll-up canvas pouch, in japanned tin case 3 18 6

Sets of Instruments and Outfits for General Surgery—Contd.—



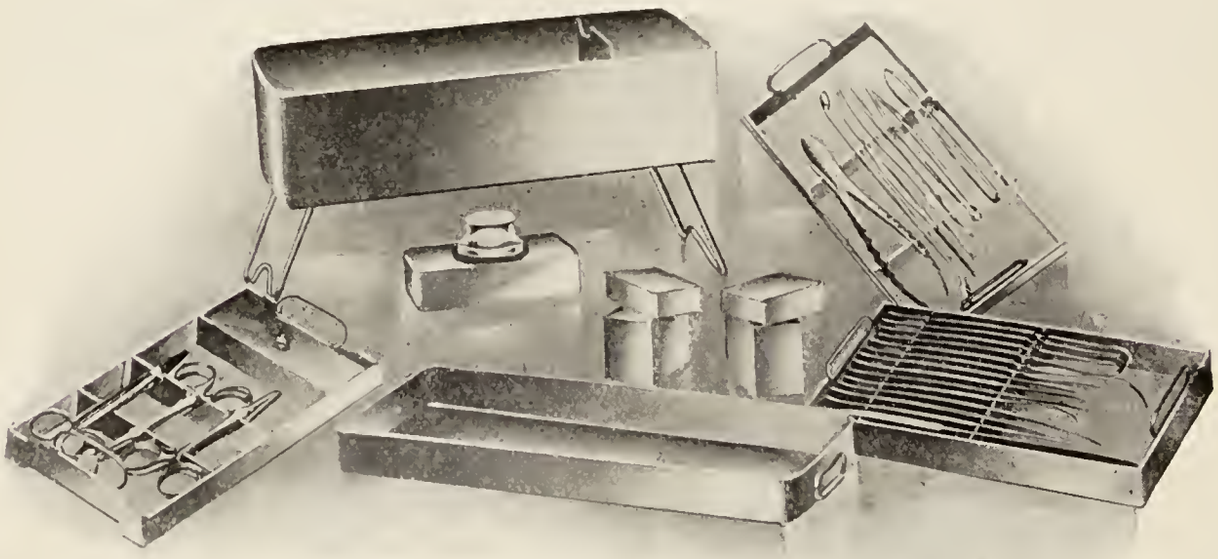
0566

No.

0566 **Set of Instruments for Minor Surgery,** consisting of—

Aneurism Needle	1	Nævus Needle, Liston's	1
Artery Forceps, Spencer Wells's	4	Needles, assorted, in metal case	12
Do. do. fenestrated	1	Needle Holder, MacPhail's	1
Bistoury, curved, sharp	1	Paget's Abscess Knife	1
Do. do. probe	1	Retractors, double hook	2
Director, steel	1	Scalpels	3
Dissecting Forceps	1	Scissors	1
Finger Knife	1	Scoop, double	1
Finger Saw	1	Tenotomy Knife	1
Hernia Director	1	Silk, on metal reel	1
Do. Knife	1		

	£	s.	d.
(a) Instruments fitted into brass racks and wood blocks, in polished brass-bound oak case, with lock and key, enclosed in waterproof canvas cover	6	6	0
(b) Instruments fitted into lift-out metal frames in a metal inner tray (as illustrated), which can be used for sterilizing purposes, and the whole contained in a brass-bound mahogany case, enclosed in waterproof canvas cover	8	0	0



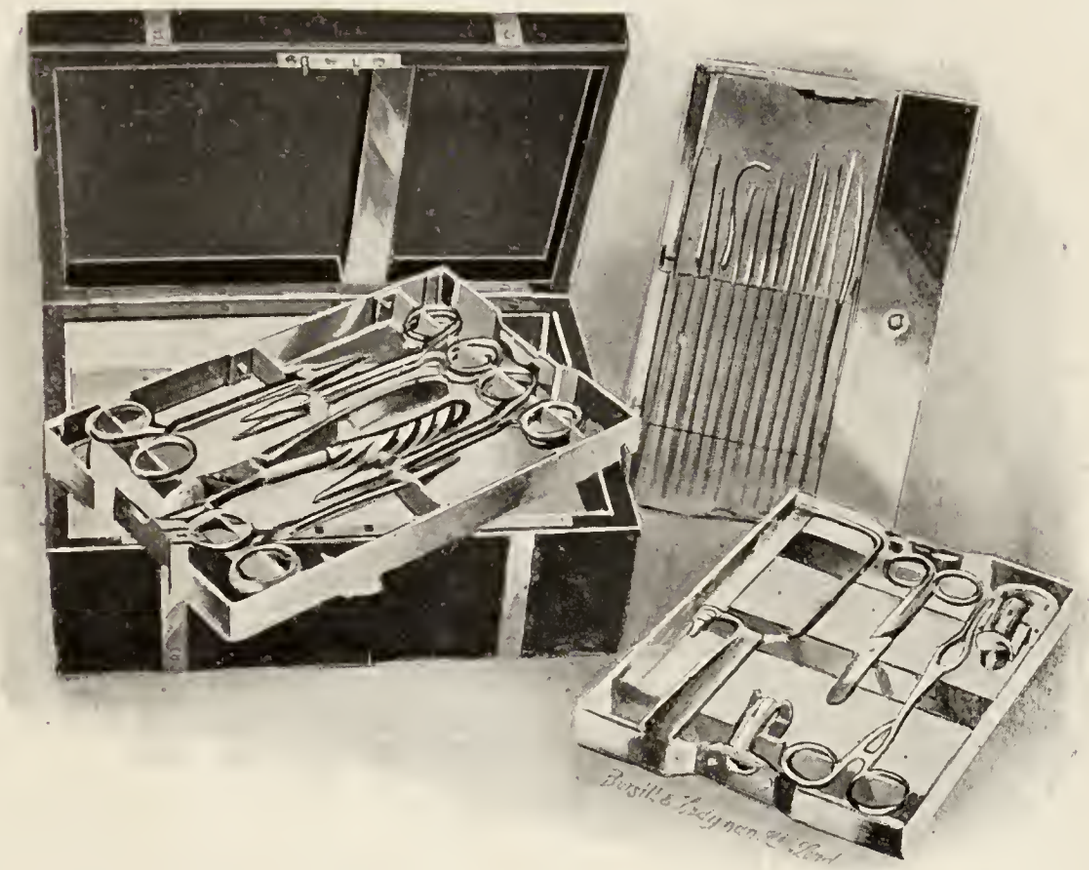
0567

0567 **Set of Instruments for Minor Surgery,** consisting of—

Aneurism Needle	1	Gland Enucleator	1
Artery Forceps, Wells's, aseptic	4	Hooks, blunt	2
Do. do. fenestrated, tong end	1	Do. sharp	1
Bone Forceps, aseptic, 6 in.	1	Nævus Needle, Liston's	1
Bistoury, curved, sharp	1	Needles, in metal case	12
Director, steel	1	Scalpels	3
Dissecting Forceps, tong end	1	Scissors, aseptic, 5 in.	1
Finger Knife	1	Scoop, Stanley Boyd's, 6 in.	1
Finger Saw	1	Silk, on metal reel	1
Hernia Director	1	Symes's Abscess Knife	1
Do. Knife	1	Metal Cases for soda and soloids	2

	£	s.	d.
Instruments fitted into lift-out metal frames contained in a nickel-plated sterilizer, with lamp, and the whole apparatus enclosed in a waterproof canvas cover	8	10	0

Sets of Instruments and Outfits for General Surgery—Contd.—



0568

No.
0568 **Set of Instruments for Minor Operations for Medical Officers of Ships in His Majesty's Navy,** consisting of—

Bistoury, curved, probe	1	Forceps, Tongue, aseptic	1
Do. do. sharp	1	Hook, sharp	1
Do. Hernia	1	Knife, Tenotomy	1
Do. straight, sharp	1	Needle, Aneurism	1
Do. do. do. 4 in. blade	1	Probe, silver	1
Director, Hernia, Key's	1	Saw, Metacarpal	1
Do. plated metal .. .	2	Scalpel, ordinary	4
Do. Canaliculus	1	Silk, ligature.. .. .. oz.	1
Forceps, Bone, small aseptic ..	1	Scissors, straight, aseptic	1
Do. Pressure, Wells's, aseptic..	6	Tracheotomy Tubes, silver-plated,	2

Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilizing purposes, and the whole contained in a brass-bound mahogany case, with lock and key, enclosed in waterproof canvas cover.. .. .. £ 10 s. 10 d. 0

0569 **Set of Instruments for Minor Surgery,** consisting of—

Aneurism Needle	1	Hernia Knife..	1
Artery Forceps, Spencer Wells's ..	3	Nævus Needle, Liston's	1
Bistoury, curved sharp	1	Needles, assorted, in metal case ..	12
Do. do., probe	1	Needle Holder	1
Director, steel	1	Paget's Abscess Knife	1
Dissecting Forceps	1	Retractors, double hook	2
Finger Knife..	1	Scalpels	3
Do. Saw	1	Scissors	1
Hernia Director	1	Silk, on metal reel	1

(*a*) Instruments fitted into brass racks and wood blocks, in polished brass-bound oak case, with lock and key, enclosed in waterproof canvas cover 5 10 0

(*b*) Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilizing purposes, and the whole contained in a brass-bound mahogany case, with lock and key, enclosed in waterproof canvas cover 7 7 0

Sets of Instruments and Outfits for General Surgery—Contd.—

No. 0570 **Outfit as required by the Board of Trade Regulations for Surgeons on board Passenger and Emigrant Ships,** consisting of—

	£	s.	d.
(1) Operation Case, polished mahogany, with metal lining and trays	10	4	0

Contents.

Fergusson's Small Saw	1	Elevator	1
Amputation Saw	1	Eye Spud	1
Do. Knife, 6 in.	1	Ear Speculum	1
Do. do. Symes's, for ankle joint	1	Scalpels	2
Artery Forceps, Wells's	6	Hernia Knife..	1
Do. do. Morrant Baker's	1	Do. Director	1
Dissecting Forceps	1	Trocar, Abdomen	1
Bone Forceps, curved	1	Do. Hydrocele	1
Trephine, ¾ in. solid metal	1	Aneurism Needle	1

	£	s.	d.
(2) Pocket Case, Aseptic (No. 0705, page 79)	2	12	6
(3) Gag with handles, Croft's	0	12	6
(4) Pair of wire Wound Retractors	0	4	6
(5) Pouch, canvas, containing 7 pairs of Tooth Forceps	2	5	6
(6) Tracheotomy Case, containing 3 Double Tubes, Trachea Dilator and Sharp Hook	1	13	0
(7) Midwifery Pouch, containing long Forceps, Craniotomy Forceps, Perforator, Blunt Hook and Crotchet	2	2	0
(8) Sterilizer, 15½ in.	0	7	6
(9) Antitoxin Syringe, in metal case	0	10	6
(10) Esmarch's Tourniquet, with hooks..	0	2	6
(11) Œsophageal Probang, with bristles	0	2	3
(12) Do. Forceps	0	7	6
(13) Aspirator with 2 Needles, 2 Trocars and Canulæ in metal case..	2	0	0
(14) Silkworm Gut, 10 in... .. .. per hank	0	1	3
(15) Silver Catheters, Nos. 4, 8 and 12 (prostatic)	1	1	0
(16) Catheters, Elastic Gum, Olivary, 1 set	0	9	0
(17) Clinical Thermometers (3) .. .. each	0	0	8
(18) Stethoscope	0	1	0
(19) Drainage Tubing No. 10, 1 ft.	0	0	6

0571 **Outfit for Surgeons in the Royal Mail Steam Packet Company's Service—**

	£	s.	d.
(1) *Operation Case, mahogany, brass-bound, polished inside and out, with small tray, and lock and key	7	5	0

Contents.

Amputation Saw	1	Elevator	1
Amputation Knife, 6 in.	1	Aneurism Needle	1
Do. do. 8 in.	1	Spencer Wells's Artery Forceps ..	2
Scalpels	2	Abdominal Trocar	1
Hernia Director	1	Hydrocele Trocar	1
Hernia Knife..	1	Catheters, plated, Nos. 4, 8 and 12	3
Liston's Bone Forceps	1	Do. india-rubber, Nos. 3, 5, 9 and 12	4
Dissecting Forceps	1	Tourniquet, Esmarch's	1
Trephine	1		
Trephine Brush	1		

	£	s.	d.
(2) *Tracheotomy Case, mahogany, containing three Fuller's Tubes (plated), Dilator, and two Spencer Wells's Artery Forceps	1	17	0
(3) *Aspirator (Potain's), with 3 Needles, in leather case	1	1	0
(4) *Midwifery instruments, in pouch consisting of—			

Midwifery Forceps	1	Blunt Hook and Crotchet	1
Perforator	1	Craniotomy Forceps	1

	£	s.	d.
	2	2	0

(5) *Emergency Case, mahogany, consisting of—

Mason's Gag	1	Sharp Spoon	1
Tongue Forceps	1	Spencer Wells's Forceps	2

	£	s.	d.
	2	5	0
(6) *Tooth Forceps, 7 pairs in canvas pouch..	2	5	6
(7) *" Fish-Kettle " Sterilizer, 15½ × 5 × 4 in., with stand and lamp	1	0	0
(8) *A supply of Antiseptic Dressings, Bandages, Silkworm Gut, Silk and Needles ..			
(9) *Splints, MacIntyre's (No. 03565), and Set of Cline's Leg Splints (No. 03545)..	1	9	6
(10) Pocket Case, leather, containing—			

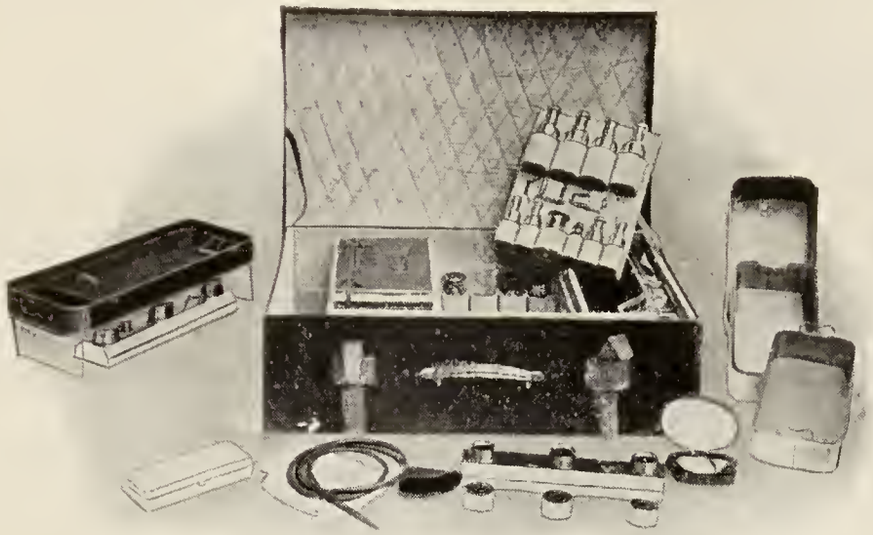
Tongue Spatula	1	Gum Lancet	1
Scissors, straight	1	Abscess Knife	1
Do. curved	1	Dressing Forceps	1
Caustic Case	1	Dissecting Forceps	1
Director, plated	1	Artery Forceps, Spencer Wells's..	1
Probe, silver	1		

	£	s.	d.
	1	10	0

(11) Hypodermic Syringe (see pages 492 and 493).
(12) Clinical Thermometers, two (see pages 347 and 348).
(13) Stethoscope (see pages 356-360).

* *Supplied by the Company.*

Sets of Instruments and Outfits for General Surgery—Contd.—



0572

No.		£ s. d.
0572	**General Operation Bag,** Buck's, with fittings as below..	**19 10 0**

Steriliser, with 2 lamps.	Infusion Apparatus in tin case.	Bottles, with boxwood tops (4).
Nest of 6 Bowls, nickel-plated.	Hypodermic Syringe.	Bottle of Soloids.
Dressing Box, nickel-plated.	Ligature Steriliser, with 3 reels.	Double Ointment Pot.
Scalpel Box, nickel-plated.	Bottles, 4 oz., in metal cases (4).	Box of Safety Pins.
Needle box, German silver.	Do. 2 oz., in metal cases (2).	Sponge Bag.

EXTRACT FROM "LANCET," JULY 4th, 1903.—The surgical bag, as shown in the accompanying illustration, I designed with the view of being able to go out at short notice to do any operation in private in a thoroughly aseptic and antiseptic manner. The frame is strongly made, and covered with closely-woven strong brown canvas lined with "selvyt." The dimensions are 30 in. by 20 in. by 9 in. The contents are as follows :—1. An instrument steriliser of the ordinary pattern except that I have designed the lid with a flange, under which a ring of thick, round, solid india-rubber fits tightly, half its circumference lying in a groove. This lid is also fitted with clasps by which it is clamped down on to the body of the steriliser, which is thus rendered water-tight by the pressure on the rubber. 2. An oblong but deeper receptacle, fitted with folding legs and a similar lid, in the bottom of which lies a nest of five bowls of nickel-plated tin. These are utilized as bowls for lotions, etc. The lids of both boilers are designed also for instrument trays. All sponges, bowls, towels, ligatures, instruments, and instrument-trays can thus be readily sterilised. 3. A receptacle for dressings, bandages, aprons, etc. The dressings I use are those supplied by Messrs. Maw, Son & Sons, of 7, Aldersgate Street, London, E.C., sterilised dry and packed in waxed paper. The lid of this vessel can also be used as an instrument tray. Great trouble has been taken in the manufacture of this bag by Messrs. Maw, Son & Sons, and I can only say that the workmanship and finish are most excellent, and that the whole design has been carried out entirely to my satisfaction. ARTHUR H. BUCK, F.R.C.S. Edin.,
BRIGHTON. *Surgeon to the Sussex County Hospital, etc.*

0573

		£ s. d.
0573	**General Operation Bag,** morocco leather, with gilt fastenings, and drawer to hold instruments, size 14 by 7 by 9½ in... ..	2 15 0
0574	Do. do. do. with steriliser, rack and 4 stoppered bottles ..	3 5 0

Sets of Instruments and Outfits for General Surgery—Contd.—

0575

No.		£	s.	d.
0575	**General Operation Bag,** 17 in. × 8½ in. × 4½ in., with seamless nickel-plated sterilizer for instruments, and seamless nickel-plated box for dressings..	3	15	0

SUNDRY ARTICLES FOR USE IN GENERAL SURGERY.

0576

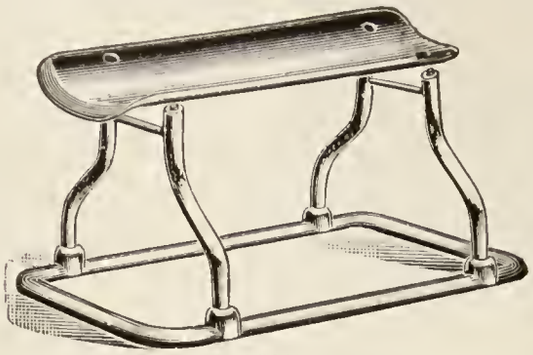
0577

0579

	Aprons—							
0576	With collar protector	linen,	6/- ;	batiste,	7/6 ;	mackintosh	0	9 6
0577	Kellock's, with sleeves..	,,	7/- ;	,,	9/6 ;	,,	0	14 6
0578	Ordinary pattern ..	,,	3/- ;	,,	5/6 ;	,,	0	8 3
0579	Sterilisable, brown waterproof, with chain fastenings						0	9 6

When ordering state height and circumference of chest.

Sundry Articles for use in General Surgery—Contd.—



0580

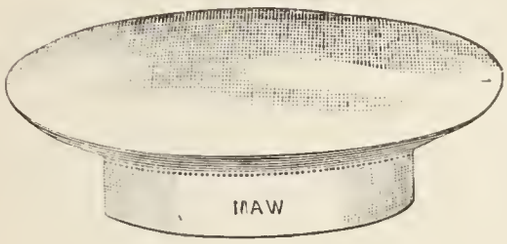
No.		£	s.	d.
0580	**Bandaging Block,** aseptic, nickel-plated, with removable top ..	1	4	0

0581

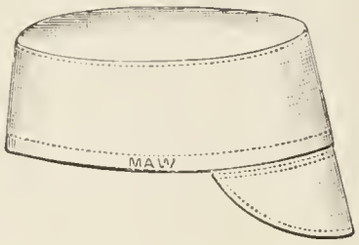
0582

Boots, etc., India-rubber, for use during operations—

0581	Half-Wellington, for use over ordinary boots, Sizes 8, 9 and 10, per pr.	1	2	6
0582	High Shoes, for use over boots .. .. ,,	0	13	0



0583



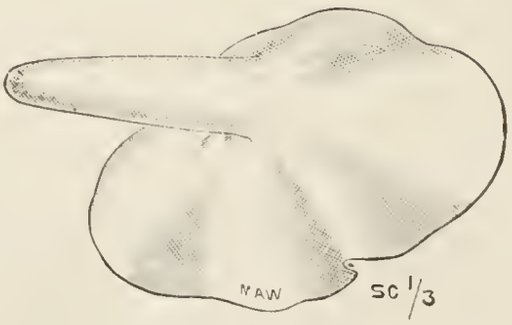
0584

Caps—

0583	"Chef" pattern, white drill, 3 sizes .. .. .. each	0	0	10
0584	St. Thomas's Hospital pattern .. .. ,,	0	0	6

0585

0587



0588

Finger Stalls—

0585	Rolled, in metal cases, containing 1 doz. .. .. per case	0	0	9
0586	Do., in wood boxes, containing 1 doz. .. .. per box	0	0	8
0587	Re-inforced, un-rolled .. .. per doz.	0	1	6
0588	"Petticoated" .. .. ,,	0	3	6

Sundry Articles for use in General Surgery—Contd.—

0589

0590

0591

No.	**Coats, etc.—**	£	s.	d.
0589	Coat, with sleeves, white drill, **7/6**; mackintosh	1	11	6
0590	Jacket for Dressers, white drill	0	5	0
0591	Overall, linen, for use whilst attending infectious cases	0	8	3

0592-5

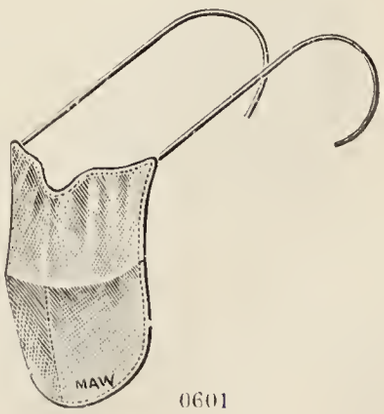
0597

	Gloves, India-Rubber, sizes 6 to 9, per doz. pairs—	Single pairs.	1 dozen quantities.	3 dozen quantities.	6 dozen quantities.
0592	Long, "Miller," thin	34/-	31/-	30/-	28/6
0593	Do., medium	38/-	34/-	32/6	31/-
0594	Do., do., "Neverslip" ..	40/-	36/-	34/-	32/6
0595	Do., ordinary	21/-	19/-	18/-	17/-
0596	Long, black or white, for post-mortem purposes ..	30/-	27/-	25/6	24/-
0597	Gloves, Short, thin rubber ..	36/-	32/6	31/-	30/-

0598	**Gloves, Thread,** Lynn Thomas's .. .. .. per pair	0	2	0

0599

0600

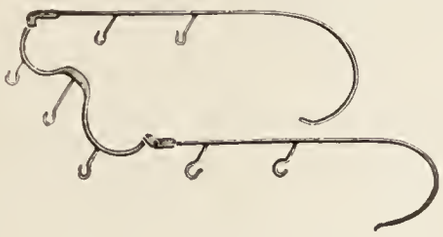


0601

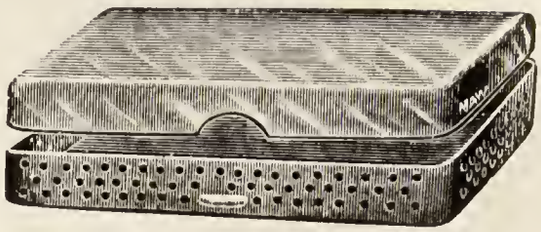
Mask for use during operation—

0599	"Beulah," for use with gauze	0	4	6

Sundry Articles for use in General Surgery—Contd.—



0602



0603

Masks for use during operation—Contd.—

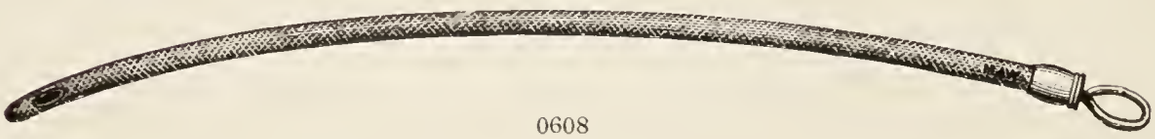
No.		£	s.	d.
0600	Bonney's, linen	0	1	0
0601	Ibbotson's	0	2	6
0602	Moynihan's, for use with gauze	0	7	0
0603	**Steriliser Box,** for India-rubber gloves, German silver, perforated, with drop-over lid, $6 \times 3 \times 1\frac{1}{4}$ in.	0	4	6
0604	Do. do. do., German silver, unperforated, nickel-plated, with drop-over lid, $10 \times 3\frac{3}{4} \times 1\frac{1}{4}$ in.	0	6	6

0605

Sleeves—

0605	Batiste .. .. per pair	0	3	0
0606	Linen .. .. ,,	0	2	6
0607	Mackintosh .. .. ,,	0	4	6

POCKET DRESSING INSTRUMENTS.

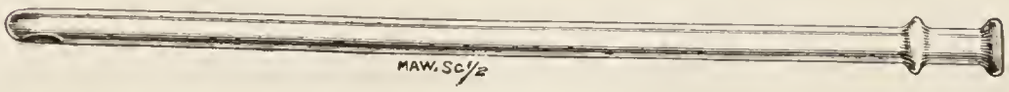


0608

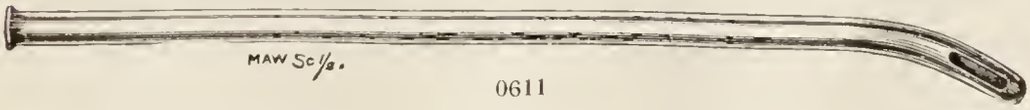
Artery Forceps (see pages 3 to 8).

Catheters, Female—

0608	Elastic Gum, solid end, with stilette	0	0	9
0609	Do. do., with silver stopcock	0	4	6



0610



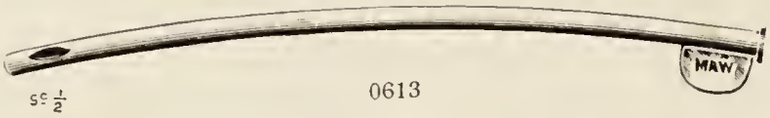
0611

0610	Glass, straight, with solid end	0	0	3
0611	Do., Queen Charlotte's Hospital pattern, curved	0	0	3

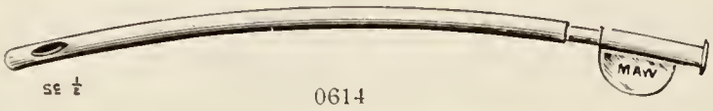
Pocket Dressing Instruments—Contd.—

0612

No.	**Catheters, Female—Contd.—**	£	s.	d.
0612	Glass in metal case, with pull-off ends	0	0	6



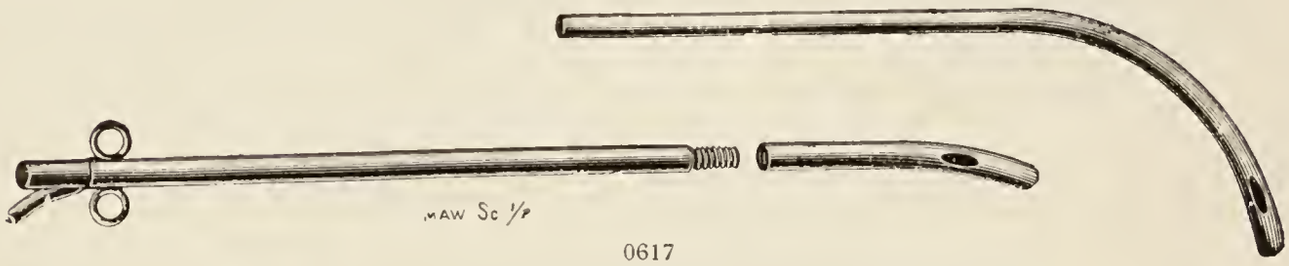
0613



0614

0616

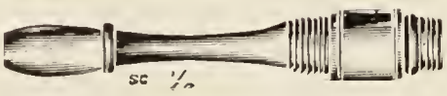
0613	Metal, with stilette .. .. plated, 2/3; silver	0	4	6
0614	Do., sliding .. .. ,, 3/6; ,,	0	5	9
0615	Do. do., with stopcock, silver	0	6	0
0616	Do., L.O.S. pattern, plated	0	1	4

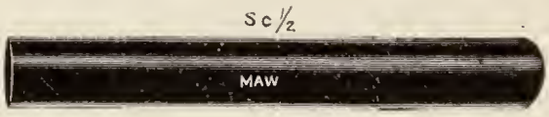


0617

Catheter, Male and Female, combined—

0617	Silver, with screw joint	0	10	6
0618	Do., Army regulation pattern, with caustic case, silver ..	0	15	0





0619

Caustic Cases—

0619	Ebony, with silver gilt quill	0	2	3

0620

0620	Electro-plated, with silver gilt quill	0	3	0
0621	Do. do., miniature	0	2	6
0622	Silver, with palladium quill	0	6	6
0623	Do. do., miniature	0	5	6

Pocket Dressing Instruments—Contd.—

0624

No.		£	s.	d.
0624	Silver, with exploring trocar, and silver quill	0	14	0

0625

0625	Vulcanite, 3 sizes .. each, 3¾ in., **8d.**; 4¼ in., **9d.**; 6½ in.	0	1	0

0626

0627

0628

0630

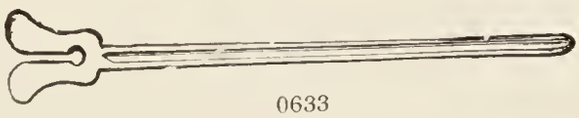
0631

0632

Caustic Points—

0626	No. 4, in glass tubes, for use with ordinary caustic cases, per doz.	0	4	9
0627	No. 8, with screw top .. .. ,,	0	2	3
0628	No. 8, with plug top .. .. ,,	0	2	3
0629	No. 9, with plug top .. .. ,,	0	2	0
0630	No. 10, reversible .. .. ,,	0	2	10
0631	No. 11, do., in ebonite case .. .. .. ,,	0	7	6
0632	No. 12, in wood screw case, with spare point for refilling ,,	0	4	0

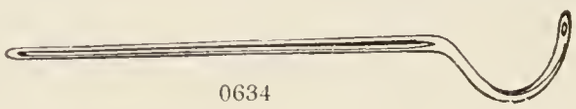
Dissecting Forceps (see p. 17).



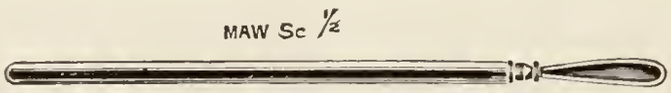
0633

Directors—

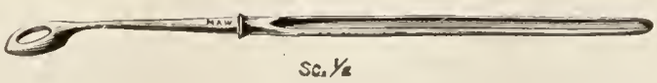
0633	With guard, 5 in. .. .. silver, **4/6**; plated	0	2	0



0634



0635



0636

0634	With aneurism needle, plated	0	1	6
0635	With plain scoop, 4½ or 5 in. .. .. silver, **3/-**; plated	0	1	3
0636	With fenestrated scoop, steel nickel-plated	0	3	6

(*For other Directors, see page* **17.**)

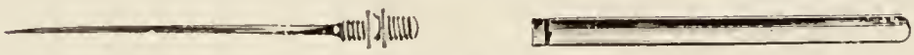
Pocket Dressing Instruments—Contd.—

0637

0639

0640

No.	Dressing Forceps—	£	s.	d.
0637	Bow handles, 4½ or 5 in.	0	3	0
0638	Do. do., disjointing	0	4	6
0639	Do. with long jaws, 4½ or 5 in.	0	3	6
0640	Do. Bryant's, with curved jaws, 5 in.	0	3	6

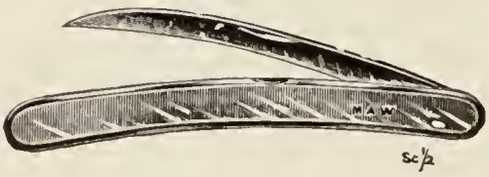


0641

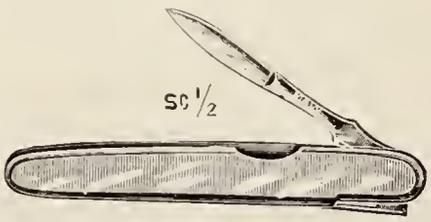
0641	**Exploring Needle**, grooved, in screw metal case..	0	2	0

0642

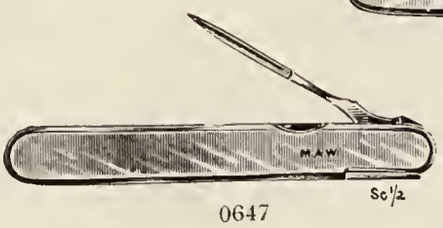
0642	**Eye Spud and Scoop**, with metal screw caps	0	7	6
0643	**Eye Spud and Needle**, Army pattern	0	4	6



0644



0649

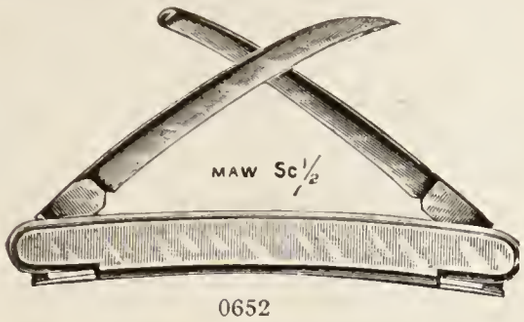


0647

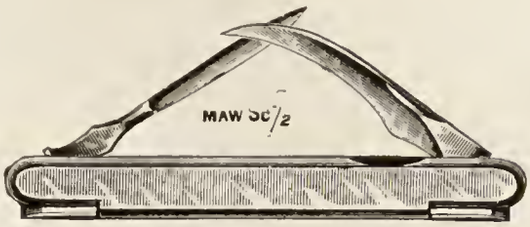
Knives, single, with lock backs, metal scales—

	Bistoury, curved, sharp pointed	0	4	6
0644	Do. do., blunt pointed	0	4	6
0645	Do. straight, sharp pointed	0	4	6
0646	Chiene's Abscess Knife	0	4	6
0647	Gum Lancet	0	4	6
0648	Paget's Abscess Knife..	0	4	6
0649	Scalpel	0	4	6
0650	Symes's Abscess Knife	0	4	6
0651				

Pocket Dressing Instruments—Contd.—



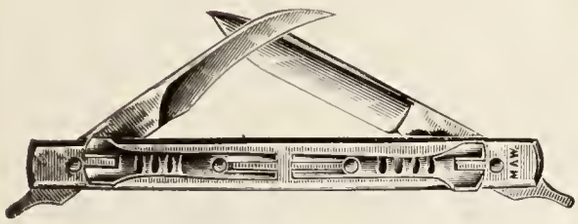
0652



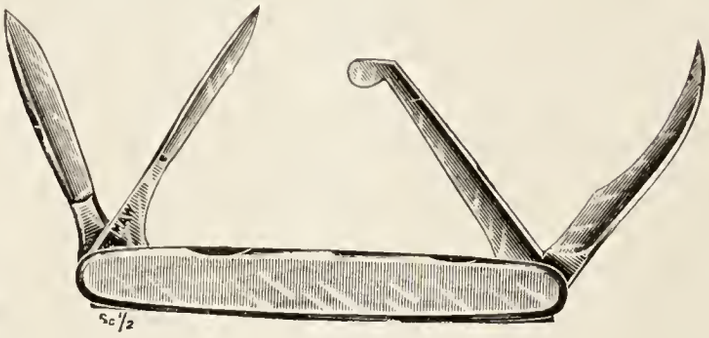
0655

Knives, double, with lock backs, metal scales—

No.		£	s.	d.
0652	Bistouries, curved, sharp and blunt pointed	0	7	6
0653	Do. do., blunt pointed and finger knife	0	7	6
0654	Paget's Abscess Knife and Scalpel	0	7	6
0655	Paget's and Symes's Abscess Knives	0	7	6
0656	Scalpel and Finger Knife	0	7	6
0657	Symes's Abscess Knife and Gum Lancet	0	7	6
0658	Do. do., and Scalpel..	0	7	6



0659



0660

Knives, double, aseptic, to take apart—

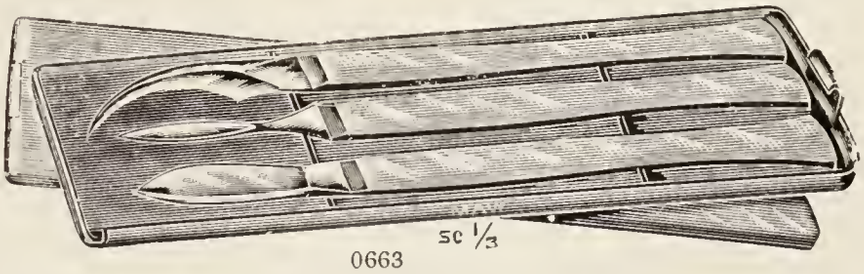
0659	Scalpel and Symes's Knife	0	6	0

Knives, four-bladed, with metal scales—

0660	Gum Lancet, Paget's Abscess Knife, Scalpel, and Symes's Abscess Knife	0	10	6

0661 Sc 1/2

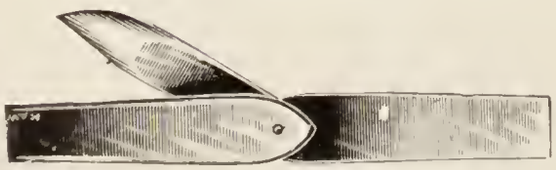
0661	**Knives,** double, aseptic, Army pattern (Syme's Knife and Scalpel)..	0	5	0



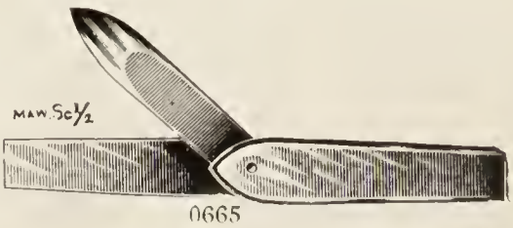
0663

Knives, with fixed handles, all metal—

0662	Paget's and Symes's Abscess Knives, in flat aseptic metal case..	0	5	3
0663	Paget's and Symes's Abscess Knives and Scalpel, in flat aseptic metal case..	0	7	6



0664



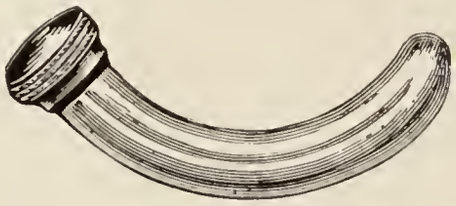
0665

Lancets, with metal scales—

0664	Abscess	0	2	0
0665	Bleeding	0	1	4

Vaccination (see page 341).

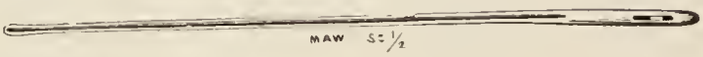
Pocket Dressing Instruments—Contd.—



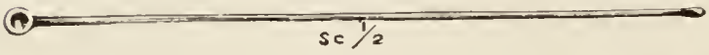
0667

No.		£	s.	d.
	Ligatures, etc., sterilised, for pocket cases (see page 531).			
0666	**Needle Books,** flannel lined .. .. each	0	0	9
	Needle Boxes (see page 31 and 32).			
0667	**Needle Tubes,** glass with screw cap, straight, half-curved or full-curved each	0	0	6

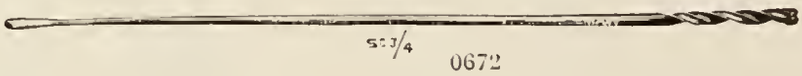
0668



0670



0671



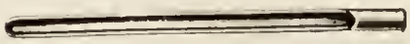
0672

Probes—

0668	Blunt pointed with eye, silver .. .. 5 in., **9d.**; 6 in.	0	1	6
0669	Sharp pointed, silver .. .. 5 in., **9d.**; 6 in.	0	1	6
0670	Blunt pointed with groove .. .. 6 in.	0	2	0
0671	Do. do. with scoop, silver	0	1	0
0672	Do. do. with cotton-wool holder	0	1	0

MAW. Sc. ½ 0673

0673	Plated, with handle, 5 in.	0	1	6



0674

0674	Probe, Director and Exploring Needle combined, silver.. ..	0	2	6

Scissors (see pages 43 to 45).

0675

0676

0677

0678

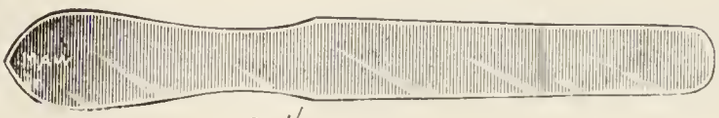
Pocket Dressing Instruments—Contd.—

No.	**Scoops—**	£	s.	d.
0675	Ear scoop with probe..	0	2	9
0676	Double scoop, oval, Stanley Boyd's, 5 in., with plain shaft ..	0	3	6
0677	Do. oval, with octagon shaft	0	4	6
0678	Scoop with raspatory	0	3	0

0679

Snake-Bite Cases—

0679	Boxwood, containing Lancet, Permanganate of Potash, and directions for use..	0	0	3
0680	Metal, do. do. do. do. ..	0	1	0
0681	Vulcanite, do. do. do. do. ..	0	1	3



0682-4

Spatulæ, Tongue—

0682	Plated	0	1	3
0683	Silver	0	7	0
0684	White metal	0	1	0

0685

0686

Splinter Forceps—

0685	With bayonet points	0	3	0
0686	With grooved points	0	1	8

POCKET DRESSING CASES.

(Leather).

0687

0688

No.		£	s.	d
0687	**Two-fold Case,** containing—			

Artery Forceps.
Caustic Case, silver.
Director and Scoop, plated.
Dissecting Forceps.
Double Knives (2).
Double Scoop (No. 0677).
Dressing Forceps (No. 0637).
Probes (2).
Scissors.
Silk and Needles (6).
Thermometer.

2 15 0

Pocket Dressing Cases—Contd.—

No.		£ s. d.
0688	**Three-fold Case,** containing— Artery Forceps (2). Caustic Case (No. 0622). Catheter, male and female (No. 0617). Director and Scoop, plated. Dissecting Forceps. Double Knives (3). Double Scoop (No. 0677). Dressing Forceps No. 0637). Eye Spud & Needle. Probes (2). Scissors (2). Silk and Needles. Thermometer.	4 10 0

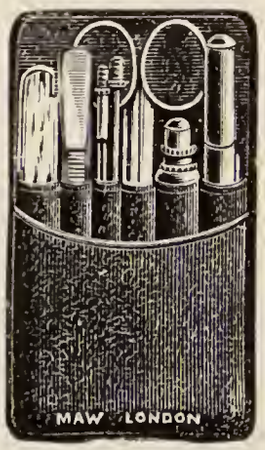
0689

0690

0689	**Single-Fold Case,** containing— Director and Scoop. Dissecting Forceps. Double Knife. Probe. Scissors. Silk and Needles.	1 1 0
0690	**Miniature Case,** double, containing— Artery Forceps, Liston's (No. 047). Caustic Case, silver. Director and Probe. Dissecting Forceps. Double Knives (3). Needles (6). Scissors. Silk, 1 size.	2 7 6

0691

0692



0693

0691	**Miniature Case,** single, containing— Artery Forceps, Liston's (No. 047). Director and Probe. Dissecting Forceps. Double Knife. Needles (6). Scissors. Silk, 1 size.	1 3 0
0692	**Middlesex Hospital Case,** containing— Artery Forceps. Caustic Case. Director and Scoop. Dissecting Forceps. Double Knife. Dressing Forceps. Needles. Probe. Scissors. Thermometer. Tablet of Silk, 4 sizes.	2 0 0
0693	**Ward Dressing Case,** as used at St. Bartholomew's Hospital, containing— Caustic Case, silver. Director and Probe. Dissecting Forceps. Knife, double. Scissors. Thermometer.	1 1 0

Pocket Dressing Cases—Contd.—

No.		£ s. d.
0694	**Board of Trade Case,** old pattern, containing— Artery Forceps. Double Bistoury. Bleeding Lancets (2). Caustic Case. Director, silver. Dressing Forceps. Finger Knife. Gum Lancet. Needles (12). Probes, silver (2). Scissors. Spatula.	1 4 0

(For latest pattern, see page 79.)

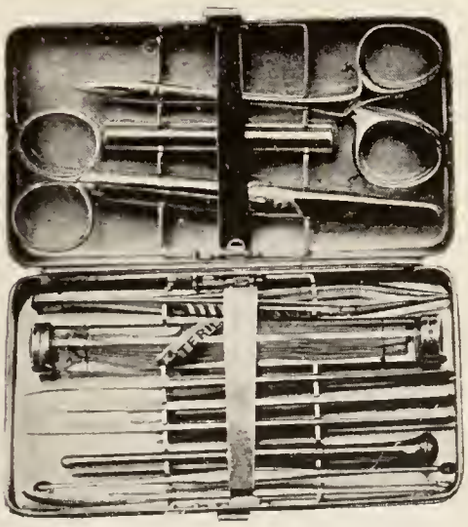
0695	**"P. & O." Case,** containing— Dissecting Forceps. Dressing Forceps. Artery Forceps. Director and Scoop. Probes (2). Trocar and Canula. Curved Bistoury. Scissors. Surgical Needles (12). Caustic Case. Horsehair for sutures. Silk for ligatures.	1 17 6
0696	**"Royal Mail" Case,** containing— Tongue Spatula .. .. 1; Scissors, straight .. 1; Do., curved .. .. 1; Caustic Case .. .. 1; Director, plated .. .. 1; Probe, silver .. .. 1; Gum Lancet .. .. 1; Abscess Knife .. .. 1; Dressing Forceps.. .. 1; Dissecting Forceps .. 1; Artery Forceps, Spencer Wells's 1	1 10 0

Leather Pocket Cases, empty, as used for the above sets—

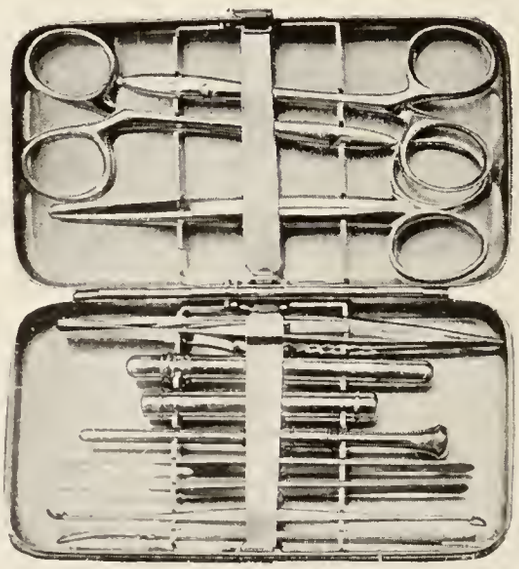
Morocco leather, No. 0687, **10/-**; No. 0688, **15/-**; No. 0689, **6/-**; No. 0690, **7/6**; No. 0691, **4/6**; No. 0692, **7/-**; No. 0694, **3/6**; No. 0693	0 1 9
Pig skin.. .. No. 0687, **11/6**; No. 0688, **18/-**; No. 0692	0 10 0
Russia leather, No. 0687, **16/-**; No. 0688, **22/-**; No. 0690, **9/-**; No. 0692	0 11 6

POCKET DRESSING CASES.

(Metal).



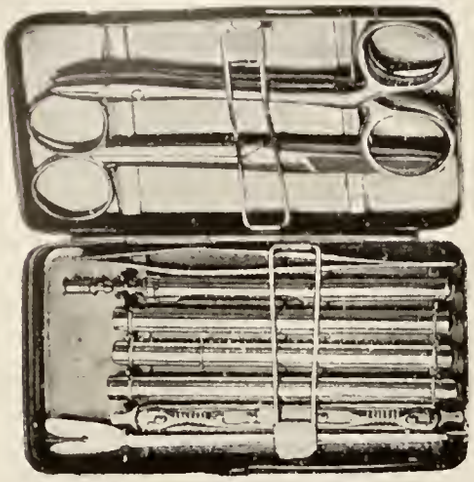
0697



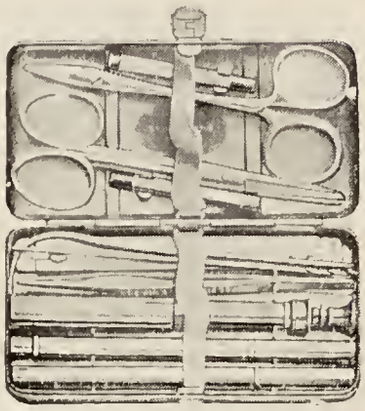
0698

No.		£ s. d.
0697	**Aseptic Case,** in cloth pouch, containing— Artery Forceps, Director. Dissecting Forceps. Double Scoop. Exploring Trocar. Knives in metal handles (3). Needles in tube (6). Probe. Scissors. Sterilised Silk in glass tube.	2 0 0
0698	**Aseptic Case,** in cloth pouch, containing— Artery Forceps, Spencer Wells's (2). Caustic Case, Silver. Director and Scoop. Dissecting Forceps. Double Scoop. Needles in tube (6). Exploring Trocar. Probe. Scalpel, solid forged. Scissors. Symes's Knife.	2 10 0

Pocket Dressing Cases—Contd.—



0699

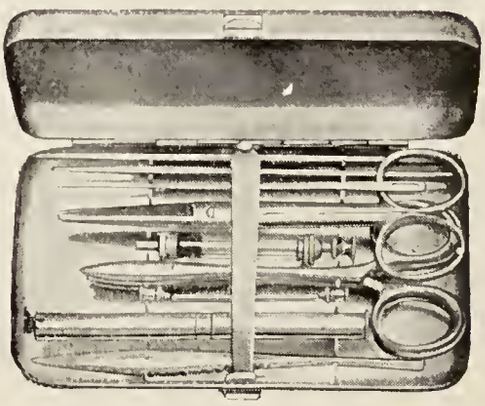


0700

No.		£ s. d.
0699	**Aseptic Army Regulation Case,** old pattern, in cloth pouch, containing— Artery Forceps, Wells's, aseptic (2). Director with guard. Dissecting Forceps. Double Knife. Hypodermic Syringe. Hypodermic Tablets. (morphia and cocaine). Needles (6) in case. Silk and Wire. Probe. Scissors, Aseptic. Clinical Thermometer.	3 5 0
0700	**Aseptic Army Regulation Case,** 1911 pattern, gilt inside, containing— Aneurism Needle. Artery Forceps. Clinical Thermometer. Dissecting Forceps. Eye Spud. Hypodermic Syringe. Hypodermic Tabloids 2 tubes. Ligature Holder. Scissors, round. Needles (12). Probe and Wool Holder. Scalpel and Paget. Wash Leather Pouch.	2 10 0

Dimensions 4½ in. by ¼ in. by ¾ in.

0701

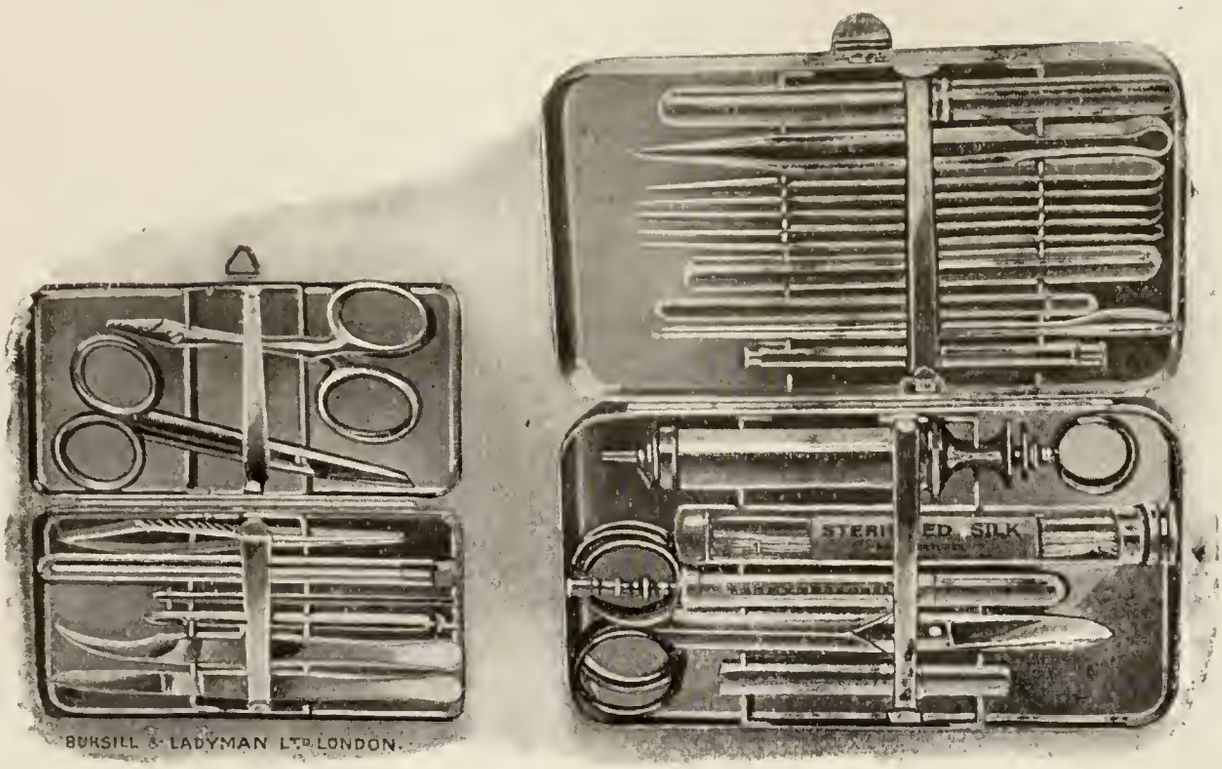


0702

0701	**Aseptic Case,** in cloth pouch, containing— Artery Forceps, Wells's aseptic (2) Caustic Case. Director and Scoop. Dissecting Forceps, aseptic. Double Kinves (2). Double Scoop. Exploring Trocar. Needles (6) in tube. Probe. Scissors, aseptic.	3 3 0
0702	**Aseptic Case,** in cloth pouch, containing— Artery Forceps, Spencer Wells's (3). Dissecting Forceps. Hypodermic Syringe. Needles (12) in case. Probe. Scalpel. Scissors, dressing. Silver Wire, 2 sizes, on reels. Symes's Abscess Knife.	1 1 0

All the above cases are fitted with lift-out metal racks, except Nos. 0699 and 0700.

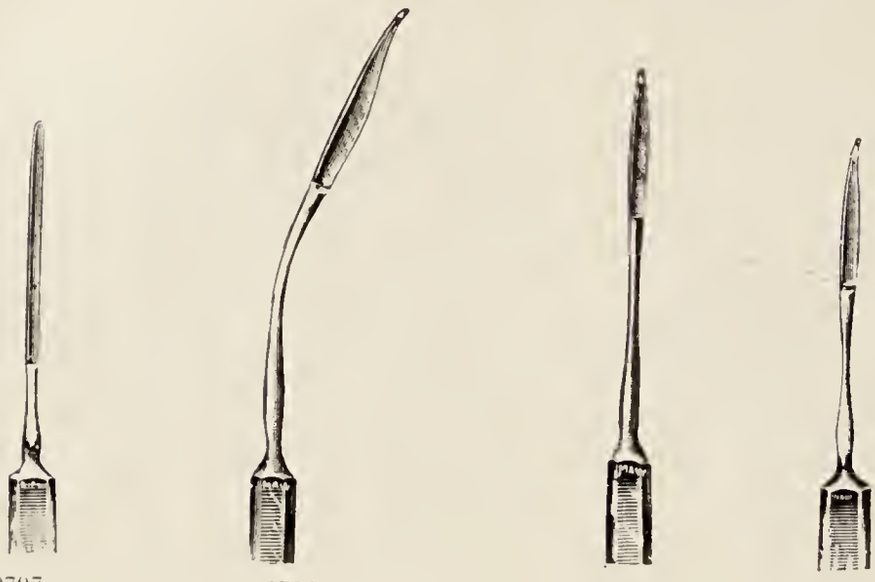
Pocket Dressing Cases—Contd.—



0703 0704

No.		£	s.	d.
0703	**Aseptic "Watchpocket" Case,** in cloth pouch, containing— Artery Forceps, Spencer Wells's. Director and Probe. Dissecting Forceps. Glass Tube for needles and silk. Scalpel. Scissors. Symes's Knife. Dimensions 4¼ in. by 2¼ in. by ½ in.	1	5	0
0704	**Aseptic Navy Regulation Pocket Case,** in cloth pouch, containing— Artery Forceps, Spencer Wells's, aseptic (2). Bistouries, curved (2). Bistoury, straight. Caustic Case and Exploring Trocar (Silver). Clinical Thermometer. Director and Aneurism Needle. Dissecting Forceps. Hypodermic Syringe in silver case. Needles in case (6). Paget's Knife. Probe (silver). Scissors, aseptic. Symes's Knife. Serum Syringe, 10 c.c. Silk and Silver Wire, sterilized, in tube. Vaccinator. Dimensions 5⅞ in. by 3¼ in. by 1½ in.	4	12	6
0705	**Aseptic Case, Board of Trade pattern,** in cloth pouch, containing— Artery Forceps, Baker's. Bistoury, curved, blunt-pointed. Caustic Case, Vulcanite, 4¼ in. Director, plated. Director, broad. Dissecting Forceps. Finger Knife. Lancets (2). Needles (12) in case. Probe with eye. Scalpel. Scissors, dressing. Scissors, sharp and round-pointed. Silk, 4 sizes, in metal tube. Dimensions 5¼ in. by 2¾ in. by 1 in.	2	12	6
0706	**Aseptic Ward Dressing Case, Army pattern,** containing— Forceps, Dressing. Do., Sinus. Probes, silver (2). Scissors, straight, blunt-pointed.	0	8	6

EYE INSTRUMENTS.



0707 0708 0709 0710

No.	**Canaliculus Knives,** with metal handles—	£	s.	d.
0707	Bowman's, punctum	0	5	0
0708	Liebreich's	0	6	3
0709	Tweedy's	0	5	6
0710	Weber's	0	5	6

0711

0711	**Canaliculus Knife,** with probe, McGillivray's	0	8	6
0712	**Canaliculus Director,** Critchett's	0	2	3

0713

0714

	Capsular Forceps, fluted—			
0713	Couper's (Moorfield's pattern)	0	7	0
0714	De Wecker's	0	12	6
0715	Treacher Collins's, long	0	9	6
0716	Do. do., short	0	9	6

0717

0718

0717	**Capsulotome,** Galezowski's	0	6	0
0718	Do., Knapp's	0	5	6

C

D

B

E

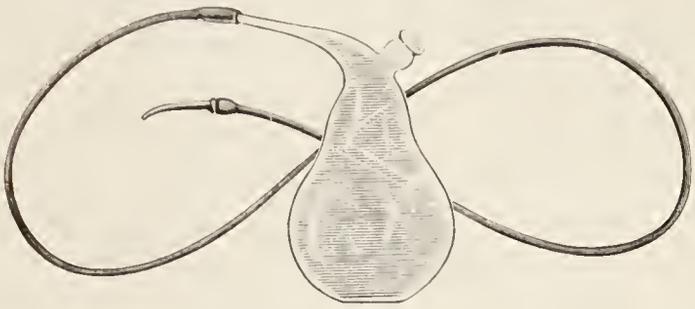
F

A

0719

0719	**Cataract Irrigator,** McKeown's for unripe cataract, consisting of tubular mount (A) to fix into end of india-rubber tubing, two hollow needles (B and C) which fit into mount (A), simple irrigating nozzle (D), scoop irrigating nozzle (E) and nozzle cleaner F), in leather case	1	15	0

Eye Instruments—Contd.—



0720

0721

Cataract Irrigators—Contd.—

No.		£	s.	d.
0720	**Cataract Irrigator,** Bishop Harman's, consisting of "Undine" Irrigator, 3 ft. of india-rubber tubing and cannula	0	7	0
0721	**Cannula** only	0	5	6

0722

0723

0724

0725

0726

Cataract Knives, with metal handles—

0722	Bader's, right and left .. .. each	0	7	0
0723	Beer's	0	5	0
0724	Cooper's	0	5	0
0725	Graefe's, large	0	5	0
0726	Do., small	0	5	0

0727

0728

0727	Taylor's..	0	6	0
	Cataract Knives, secondary—			
0728	Desmarre's, straight edge	0	5	0
0729	Do. convex edge	0	5	0
0730	Do. concave edge	0	5	0

0731

0732

0733

Cataract Needles, with metal handles—

0731	Beer's	0	4	6
0732	Bowman's, stop	0	4	6
0733	Scarpa's	0	4	6

Eye Instruments—Contd.—

0734

No.	Cataract Spoons, with metal handles—	£	s.	d.
0734	Bowman's double	0	9	0

0735

0737

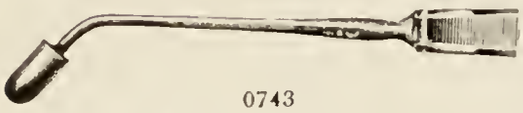
0736

0735	Bowman's, single	0	6	0
0736	Critchett's, double	0	9	0
0737	Tortoiseshell	0	6	0

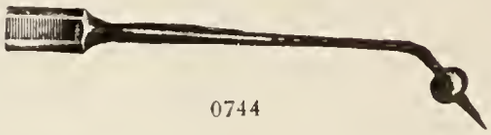
0738

Caustic Cases, Ophthalmic—

0738	Silver, to take No. 7 points	0	6	6
0739	Points for do., No. 7 .. .. per doz.	0	5	0
0740	Vulcanite, to take No. 4 points	0	0	8
0741	Points for do., No. 4 .. .. .. per box of 1 doz.	0	4	9



0743



0744

Cauteries, with metal handles—

0742	Lang's, galvanic	1	2	0
0743	Simeon Snell's, for cornea	0	6	6
0744	Wordsworth's, lachrymal	0	5	0

0745

0746

0747

Cilia Forceps, fluted—

0745	Fenestrated points	0	3	0
0746	Flattened points, rounded	0	3	0
0747	Do. do., square	0	3	0

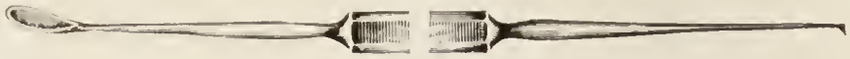
0748

SC 3/4

0749

0748	**Corneal Trephine,** 3 sizes .. .. each	0	6	6
0749	Do. do., Stephenson's, 3 sizes .. .. ,,	0	7	6

Eye Instruments —Contd.—



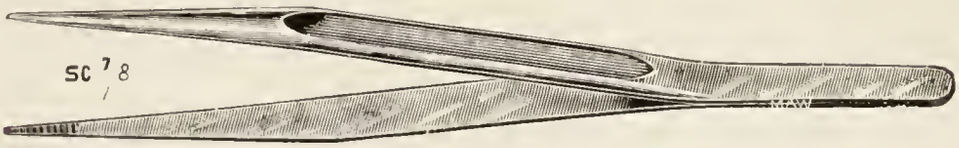
0750

0751

No.	Curettes and Cystotomes, with metal shafts—	£	s.	d.
0750	Graefe's	0	7	6
0751	Moorfield's pattern	0	7	6

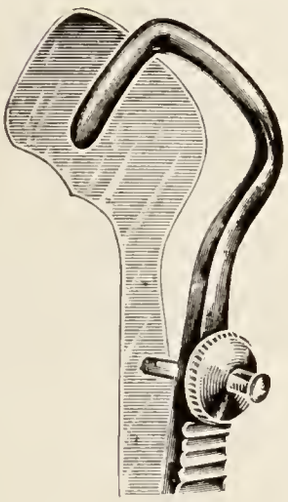
0752

0752	**Curette and Lens Hook**	0	7	6



0753

0753	**Dissecting Forceps,** fine-pointed	0	3	0

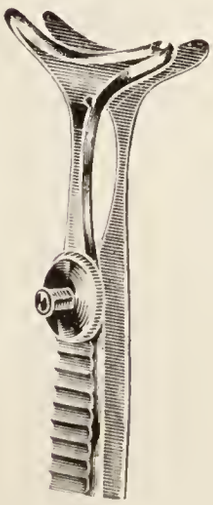


0755

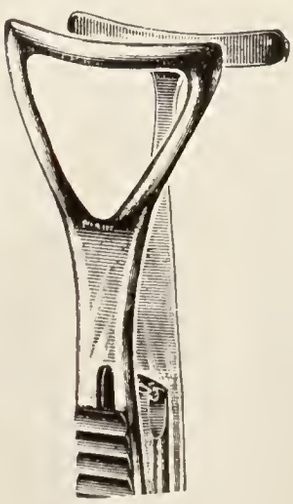
0754

0756

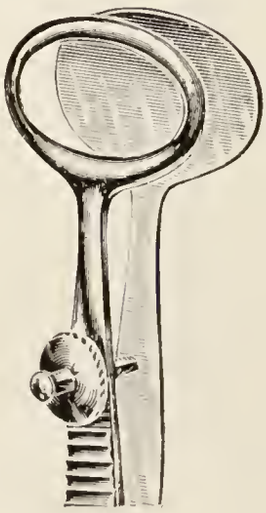
0754	**Drum,** with kid top, for testing the points of Eye Instruments ..	0	2	6
	Entropion Forceps, fluted—			
0755	Desmarre's, right or left .. .. each	0	9	0
0756	Graefe's	0	9	0
0757	Moorfield's Hospital pattern (modified Desmarre's)	0	9	6



0758



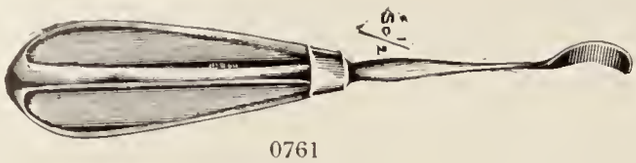
0759



0760

0758	T-shaped blades	0	9	0
0759	Triangular blades	0	9	6
0760	Wilde's, oval, for "Tarsal Tumour"	0	9	0

Eye Instruments—Contd.—

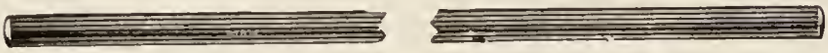


0761

No.		£	s.	d.
0761	**Evisceration Scoop,** Mule's	0	8	6
0762	Artificial Vitreous Bodies, glass, for use after Mule's operation, 3 sizes, $\frac{3}{4}$ in., $\frac{9}{16}$ in. and $\frac{7}{16}$ in... .. .. per doz.	0	6	0

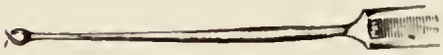
0763

0763	Introducer for Mule's Artificial Vitreous Bodies, in leather case ..	0	9	0



0764

0764	**Eye Lid Elevator,** Bass's..	0	1	0



0765

0766

Fixation Hooks, with metal handles—

0765	Bader's	0	4	6
0766	Guthrie's, double	0	4	6

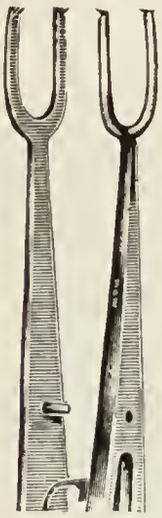
0767

0769

Fixation Forceps, fluted—

0767	Bader's, $4\frac{1}{2}$ in.	0	5	0
0768	Critchett's, as No. 0767, but only 3 in. long	0	5	0
0769	Ordinary pattern, with catch, one point opposing two	0	4	6
0770	Do. do. do., two points opposing three ..	0	5	0

The above two Forceps can be supplied without catch at 9*d. each less.*



0771

0772

0773

0775

0771	Beaumont's, double ended, with catch	0	11	6
0772	Cross points	0	4	6
0773	Graefe's	0	6	0
0774	Do. with catch	0	6	9
0775	Monnoyer's, with catch, three points opposing four	0	9	0
0776	Do. do., two points opposing three	0	9	0

Eye Instruments—Contd.—

0777

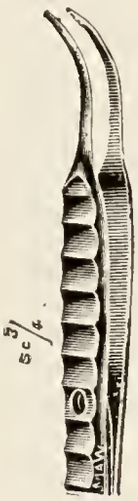
0778

0779

0780

No.	**Iris Forceps,** fluted—	£	s.	d.
0777	Serrated points, straight	0	4	0
0778	Do. do., curved	0	4	0
0779	Tenaculum points, straight	0	4	0
0780	Do. do., curved	0	4	0

0781


0782

0784

0781	Fischer-Arlt's	0	5	6
0782	Graefe's, curved	0	5	6
0783	Do., straight	0	5	6
0784	Liebreich's	1	8	0

0786

0787

0789

0790

Iris Hooks, with metal handles—

0785	Bowman's, silver	0	4	6
0786	Streatfeild's, spatula	0	4	6
0787	Tyrrell's	0	5	0
0788	Do. with platinum stem	0	7	6

Eye Instruments—Contd.—

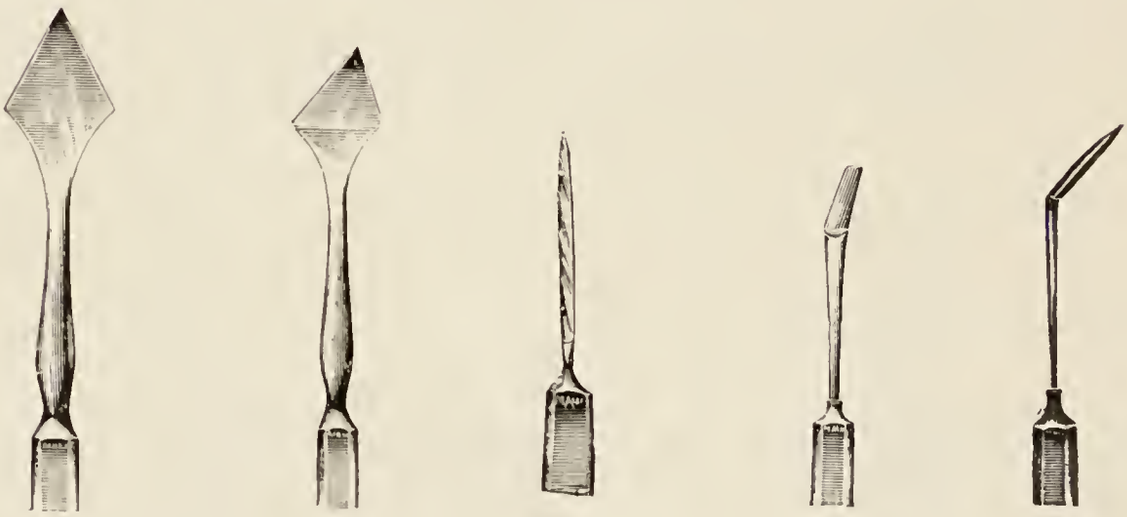
No.	**Iris Repositors,** with metal handles—	£	s.	d.
0789	Silver	0	4	6
0790	Tortoiseshell	0	4	6

0791

0791	Lawford's, spatula and probe combined	0	6	6

0792

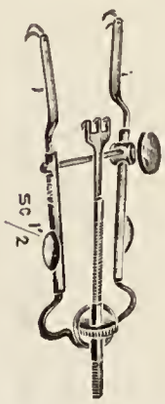
0792	**Irrigator and Retractor,** combined, Lagrange's..	0	9	6



0794 0795 0796 0797 0798

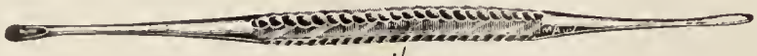
Keratome's or Iridectomy Knives, with metal handles—

0793	Bowman's	0	5	0
0794	Jaeger's, straight	0	5	0
0795	Do. angular	0	5	0
0796	Lawson's, modification of Graefe's	0	5	0
0797	Taylor's, round pointed	0	5	0
0798	Do. sharp pointed	0	5	0



Lachrymal Sac Instruments—

0799	Retractor, Bishop Harman's	0	19	6
0800	Do. Muller's	0	10	6
0801	Do. Stephenson's	1	1	0

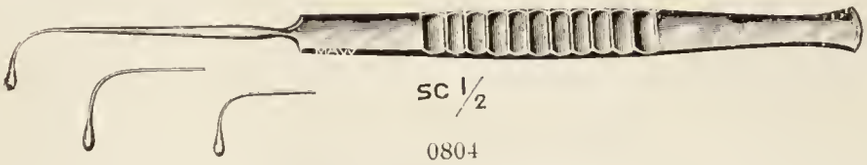


0802	Scoop and Dissector, Lang's	0	6	6

Eye Instruments—Contd.—

0803

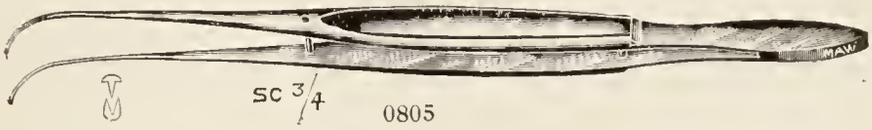
No.		£	s.	d.
0803	**Lachrymotome,** Teulon's	0	18	0



0804

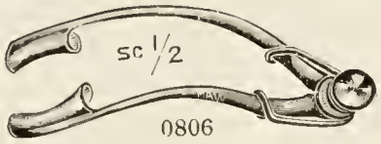
Lens Extraction Instruments, for extracting the lens in its capsule in cases of unripe cataract, used by Lt.-Col. H. Smith, I.M.S.—

0804	Hooks, large and small .. .. each	0	4	6



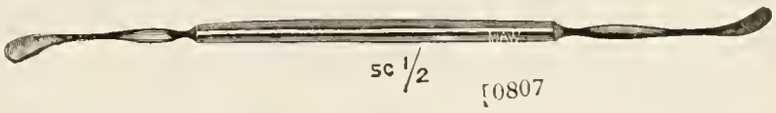
0805

0805	Iris Forceps	0	6	6



0806

0806	Retractor	0	16	6



0807

0807	Spatula, double-ended	0	7	6

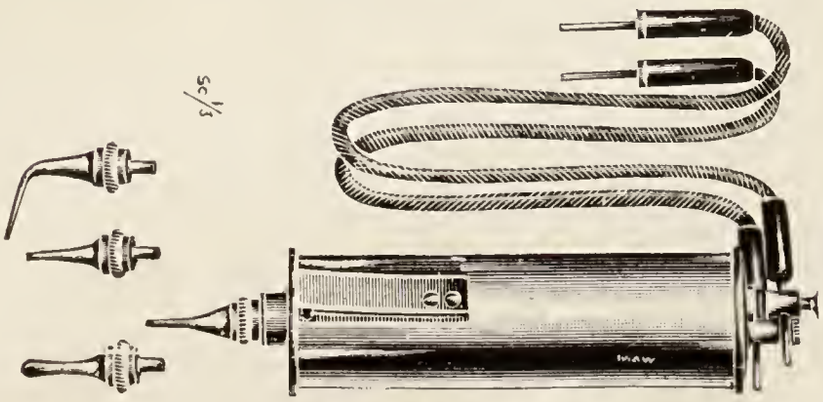
0808

0809

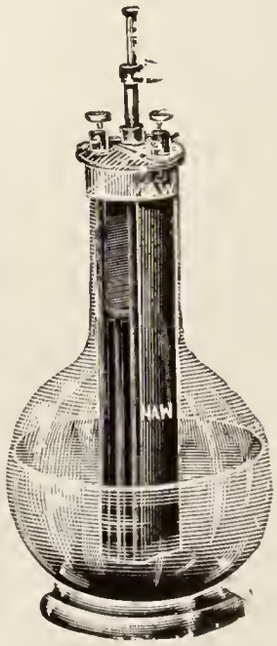
Lens Hooks, with metal handles—

		£	s.	d.
0808	Curved	0	4	6
0809	Rectangular	0	4	6

0810



0811

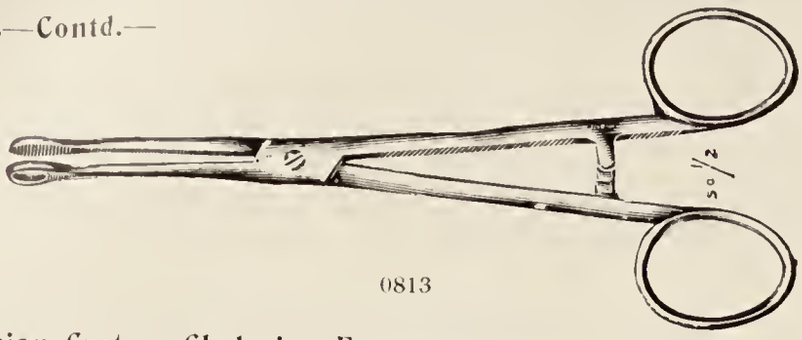


0812

Magnets, for the removal of foreign bodies—

0810	Pencil shape .. .. per doz.	0	4	6
0811	Simeon Snell's Electro Magnet, with nickel-plated cover, complete with conducting cords and 4 ends, in case	1	5	0
0812	Bichromate Cell, 1 litre, with double elements for use with same	0	15	0

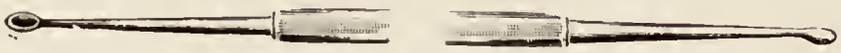
Eye Instruments—Contd.—



0813

No.	Meibomian Cyst or Chalazion Forceps—	£	s.	d.
0813	Griffith's	0	7	0

0814

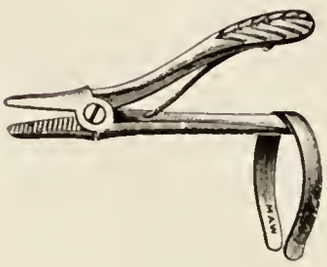


0815

0816

Meibomian Cyst or Chalazion Scoops, with metal handles—

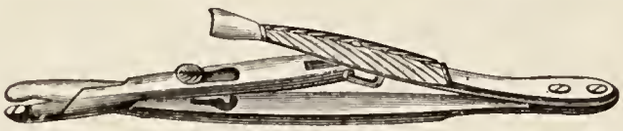
0814	Single, round or oval .. .. each	0	5	6
0815	Double	0	8	6
0816	Moorfield's pattern	0	2	0



0817

Closed.

Open.



0818

Needle Holders—

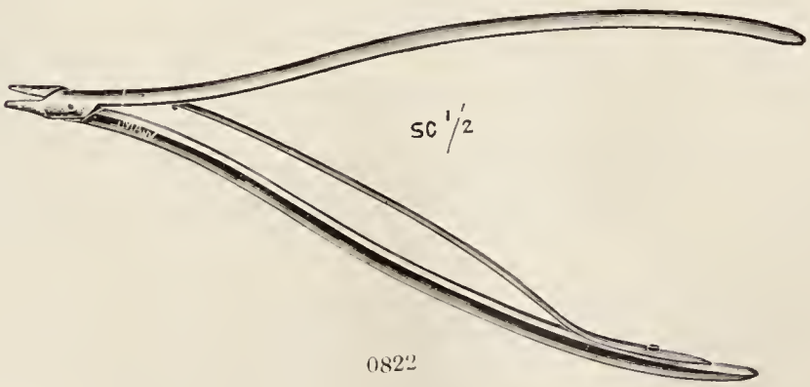
0817	Galezowski's	0	4	6
0818	Saunders's	0	12	0

0819

0819	Silcock's, with ring catch	0	16	0

0820

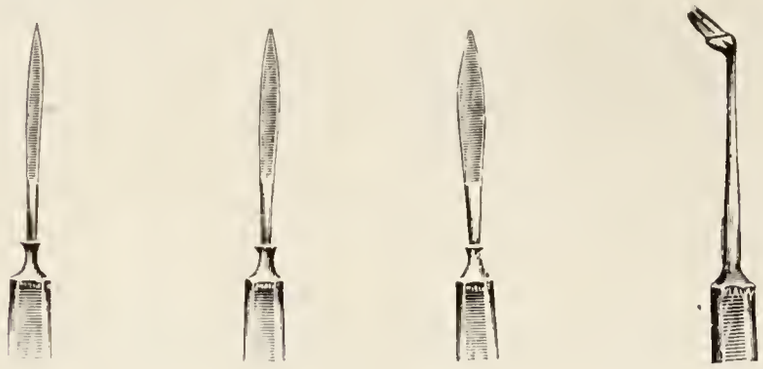
0820	Stevens's, with spring catch, for straight needles	0	12	6
0821	Do. do. do.. for curved needles	0	13	6



0822

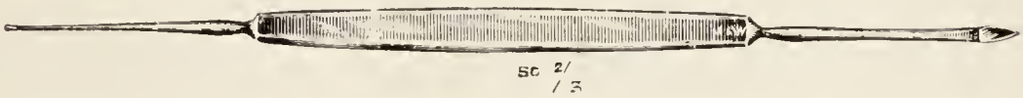
0822	Walker's	0	14	6

Eye Instruments—Contd.—



0823 (A) 0823 (B) 0823 (C) 0824

No.		£	s.	d.
	Paracentesis Needles, with metal handles—			
0823	Broad, 3 sizes, A, B and C .. .. each	0	4	6
0824	Desmarre's	0	4	6



0825

0825	Liebreich's, with probe	0	7	6

0826

	Probes, for Lachrymal Duct, etc.—			
0826	Anel's, set of 3 in case.. .. ..per set	0	3	6

0827

0827	Bowman's, with Critchett's Canaliculus Director, per set, in case	0	6	0

0828

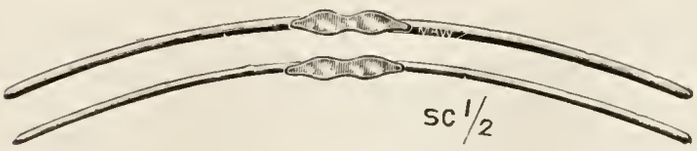
0828	Bowman's, bulbous, double ended, set of 4 in case ..per set	0	7	6

0829

0829	Couper's, double ended, grooved, set of 4 in case.. ..per set	0	12	0

0830

0831

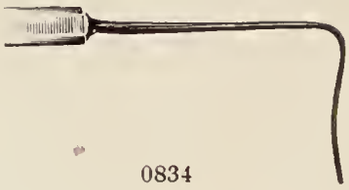


0832

0830	Liebreich's, set of 3, silver .. ..per set	0	6	9
0831	Nettleship's, steel, conical .. .. each	0	1	6
0832	Theobald's, 8 sizes .. .. each, 1/9; per set	0	13	6

Eye Instruments—Contd.—

0833



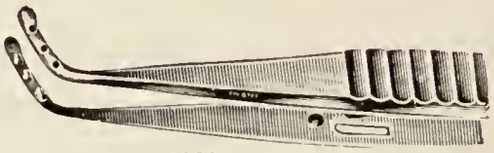
0834

No.	Probes, for Lachrymal Duct, etc.—Contd.—		£	s.	d.
0833	Walton's, conical, silver, set of 3 in case	..per set	0	6	6
0834	Do. steel, in metal handle	.. each	0	4	6
0835	Weber's, silver	.. ,,	0	4	0

0836

0836	**Punctum Dilator,** Lang's	0	1	6

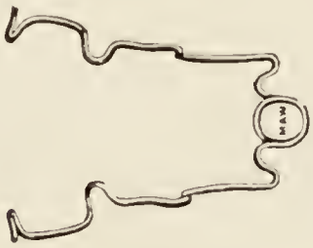
0837



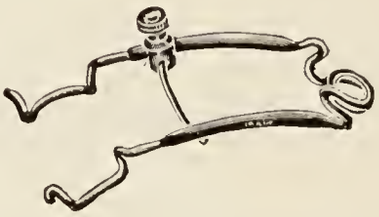
0838

Rectus Forceps—

0837	Priestley Smith's, for Tenectomy	0	7	0
0838	Prince's	0	7	0



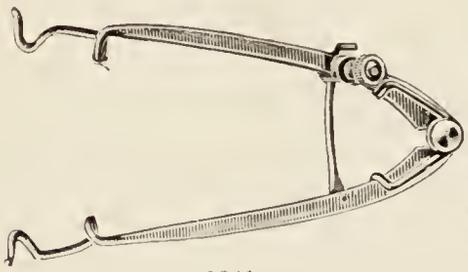
0839



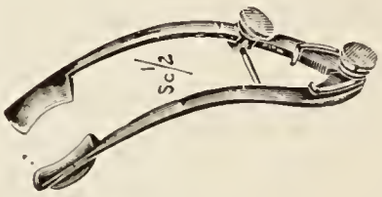
0840

Retractors—

0839	Bowman's	0	2	6
0840	Do. with stop screw	0	4	6

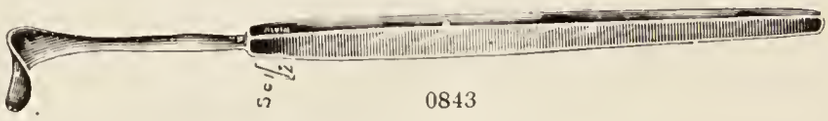


0841



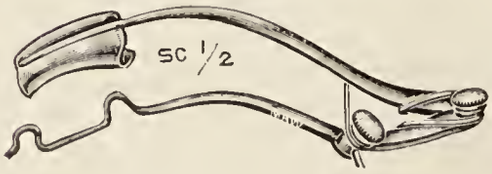
0842

0841	Clark's, with stop screw	0	8	0
0842	Lang's	0	12	0

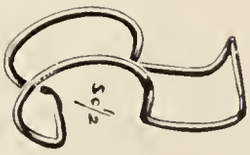


0843

0843	Desmarre's, with metal handle, 3 sizes .. .. .. each	0	5	6



0844

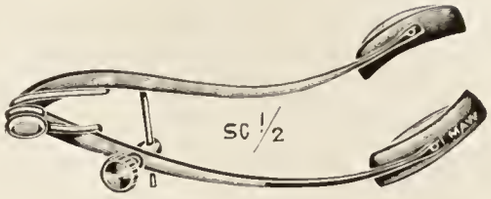


0845

0844	Lawford's, right or left	each	0	13	6
0845	McGillivray's, for use with thumb and fore-finger	per pair	0	4	6

Eye Instruments—Contd.—

0846



0847

No.	**Retractors—Contd.—**	£	s.	d.
0846	Macnamara's	0	8	6
0847	Whitehead's, with swivel blades	0	17	6

0848

0848	Stephenson's (modified Desmarre's)	0	5	6
0849	**Rods, Glass,** for acid solutions, etc. .. .. .. per doz.	0	1	0

0850

0851

Scalpels, with metal handles—

0850	Ordinary, small size	0	3	6
0851	Simeon Snell's, combined with Meibomian Cyst Scoop	0	4	0

0852

0853

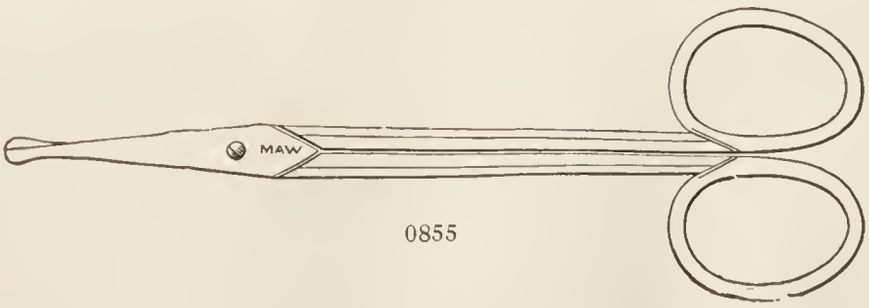
Scarifying Knives, with metal handles—

0852	Desmarre's, curved	0	4	9
0853	Do. straight	0	4	9

0854

Scissors—

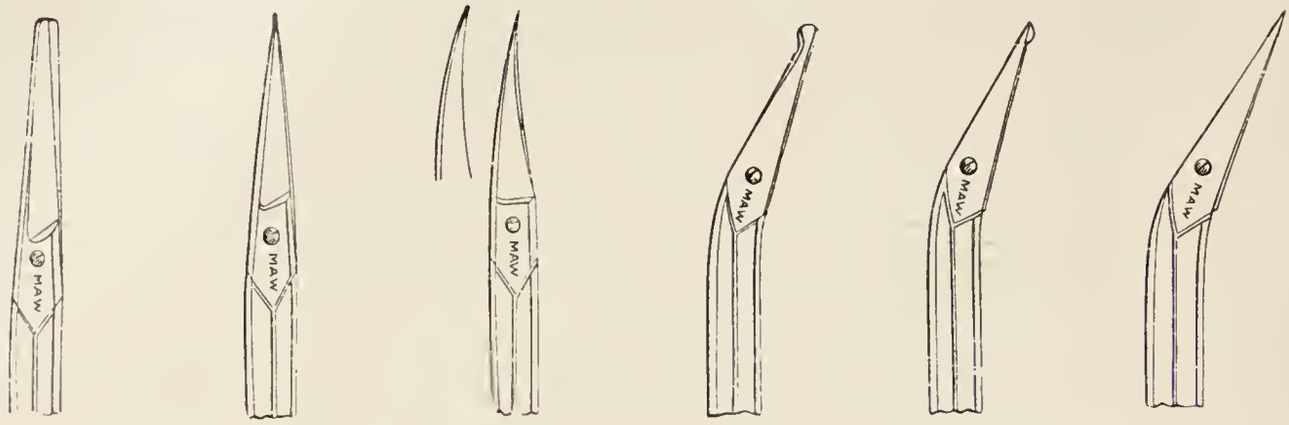
0854	De Wecker's, Iris	1	2	6



0855

0855	Probe-pointed	0	3	6

Eye Instruments—Contd.—



0856 0857 0858 0860 0861 0862

No.	**Scissors—Contd.—**	£	s.	d.
0856	Straight, round pointed	0	3	0
0857	Do. sharp pointed	0	3	0
0858	Curved on flat, sharp pointed	0	4	0
0859	Do. do., round pointed, extra strong, for excision ..	0	5	0
0860	Angular, with both blades probe pointed	0	4	6
0861	Do. with one blade probe pointed and one blade sharp pointed	0	4	0
0862	Do. with both blades sharp pointed	0	4	0

0863

0863	Noye's, Iris	0	18	6

0864

0864	**Spatula,** horn	0	2	0

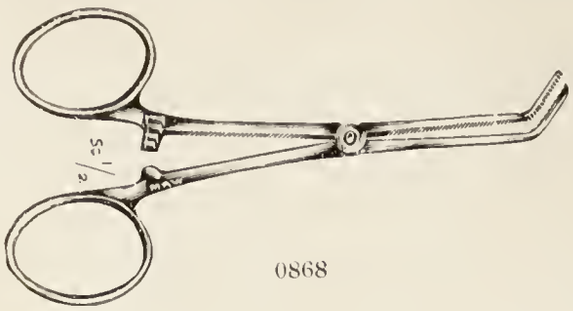
0865

0866

0867

0865	**Spud and Scoop,** Walton's, in screw metal case	0	7	6
0866	**Spud and Needle,** in screw metal case	0	7	6
0867	**Spud,** single	0	4	6

Eye Instruments—
Contd.—



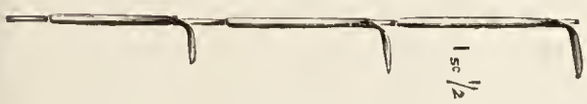
0868

No.		£	s.	d.
	Strabismus Forceps—			
0868	Beaumont's, for advancement	0	9	0

0869

0870

	Strabismus Hooks, with metal handles—			
0869	Cowell's	0	4	6
0870	Graefe's	0	4	6
0871	Do. with flattened end, as used at Moorfield's Hospital ..	0	4	6



0872

0873

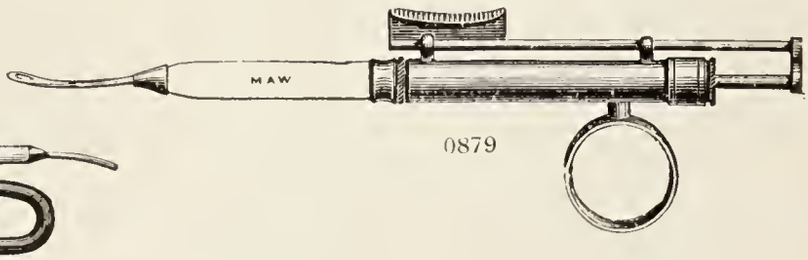
0874

0875

0876

0877

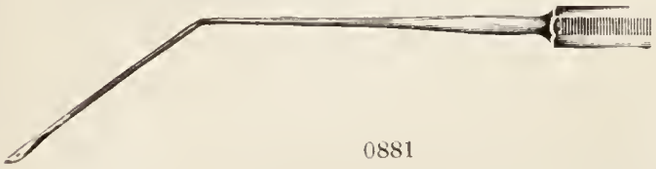
	Styles—			
0872	Bickerton's, gilt, hollow, set of 3, with probe	0	7	6
0873	Taylor's .. .. per doz.	1	4	0
0874	Do. .. .. ,,	1	4	0
0875	Lead, bulbous .. .. ,,	0	8	0
0876	Walton's, silver .. .. ,,	0	18	0
0877	Ware's .. .. ,,	0	12	0
0878	Do. hollow .. .. ,,	1	2	6



0879

0880

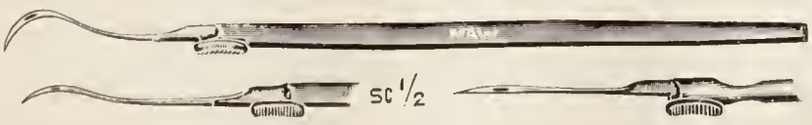
	Suction Syringes—			
0879	Bowman's, in leather case	0	16	6
0880	Teale's, in leather case	0	6	6



0881

0882

	Suture Needles, with metal handles—			
0881	Bowman's	0	4	6
0882	Hulke's	0	4	6



0883

0883	Reverdin's, 3 curves, A, B and C .. .. each	0	10	0

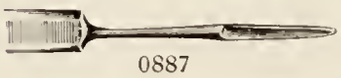
Eye Instruments—Contd.—

0884

0885

No.			£	s.	d.
	Suture Needles, nickel-plated, in packets containing 6 each—				
0884	Curved, 6 sizes	per doz.	0	2	0
0885	Half-curved, 6 sizes	,,	0	2	0
0886	Straight, 6 sizes	,,	0	2	0

Spring eye extra per doz., -/9



0887

0888

	Synechia Knives, with metal handles—				
0887	Lang's, blunt	0	5	0
0888	Do. sharp	0	5	0

0889

	Tarsal Cyst Knives—				
0889	Bowman's, combined, with scoop	0	7	6

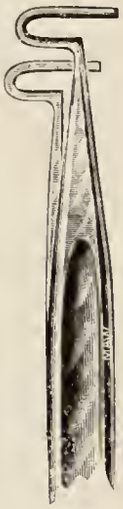
8900

0890	Cheselden's, combined, with scoop	0	7	6
0891	Simeon Snell's	0	4	0

0892

0893

0894



0895

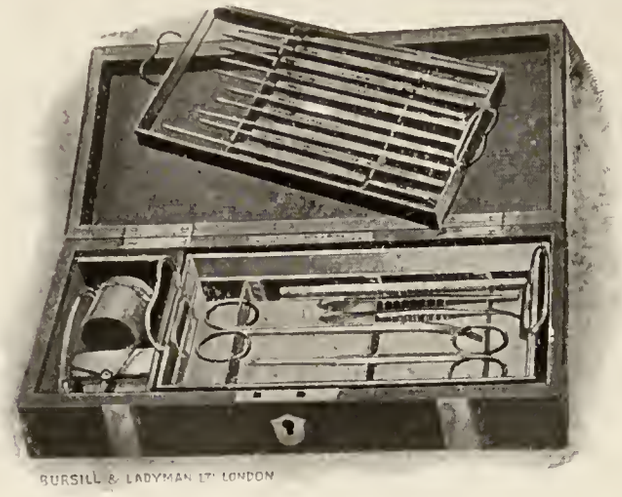
0892	**Tarsal Cyst Clamp,** Rollston's, 3 sizes	each	0	9	0
	Trachoma Forceps, fluted—				
0893	Graddy's	0	7	6
0894	Knapp's, with rollers	0	12	6
0895	Tyrrell's	0	6	6

0896

0897

0896	**Tattooing Needle,** with metal handle	0	4	6
0897	**Vectis,** Taylor's, with metal handle	0	7	6

SETS OF EYE INSTRUMENTS.

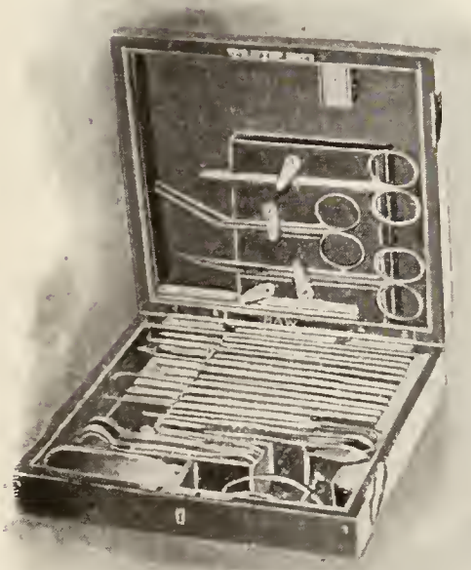


0898

No.		£ s. d.
0898	**Set,** consisting of—	

Canaliculus Knife, Weber's	..	1	Lachrymal Probes, Bowman's	set	1
Cataract Knives, Graefe's ..	..	2	Needles	..	6
Curette and Cystotome, Graefe's ..		1	Scissors, straight	..	1
Drum for testing instruments	..	1	Do. curved	..	1
Epilation Forceps (No. 0747)	..	1	Silk on metal reel	..	1
Fixation Forceps (No. 0769)	..	1	Speculum, Clarke's	..	1
Iridectomy Knife, Jaeger's..	..	1	Spud, Walton's	..	1
Iris Forceps, curved, tenaculum points	..	1	Stop Needles, Bowman's ..	..	2
Iris Hook, Tyrrell's	..	1	Strabismus Hook, Graefe's..	..	1

Instruments fitted into lift-out metal frames, in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, with lock and key.. .. .. **6 0 0**



0899

0900

0899 **Set,** consisting of—

Canaliculus Knife	..	1	Keratome	..	1
Cataract Knives, Graefe's ..	..	2	Lachrymal Probes, Bowman's, with Critchett's Canaliculus Director	set	1
Cataract Needle, curved ..	..	1	Meibomian Cyst Scoop ..	..	1
Curette and Cystotome ..	..	1	Needles	..	6
Entropion Forceps, right and left..		2	Speculum with stop ..	..	1
Excision Scissors	..	1	Spud	..	1
Fixation Forceps	..	1	Stop Needle, Bowman's ..	..	1
Iris Forceps, curved ..	..	1	Strabismus Scissors	..	1
Iris Repositor	..	1	Silk, 3 sizes, on metal reel..	..	1
Iris Scissors	..	1			

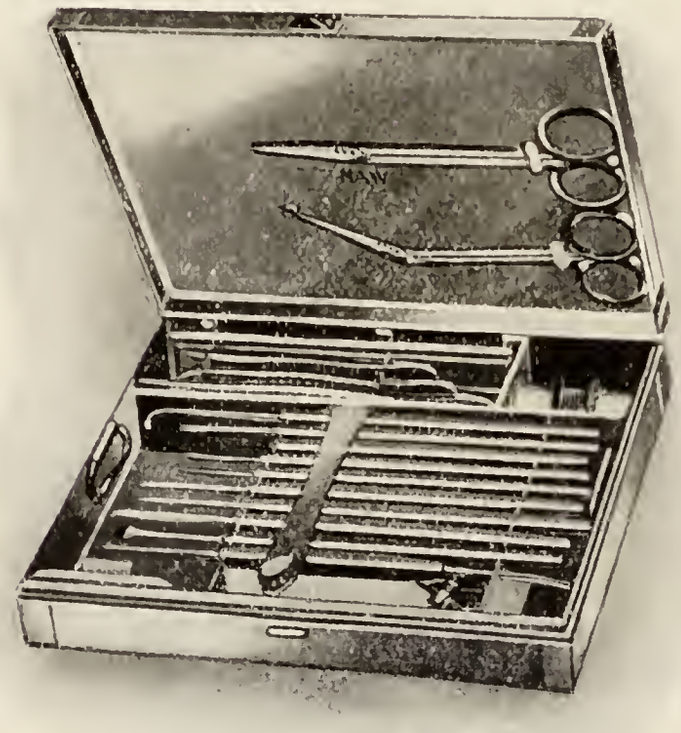
Instruments fitted into polished mahogany case with brass racks **6 12 6**

Sets of Eye Instruments—Contd.—

No. 0900 **Middlesex Hospital Set,** consisting of— £ s. d.

- Canaliculus Knife, Tweedy's .. 1
- Cataract Knife, Beer's 1
- Do. do. Grafee's 3
- Do. Scoop, Bowman's and Critchett's double .. 1
- Cilia Forceps 1
- Curette and Cystotome, Moorfields 1
- Entropion Forceps, Moorfields, right and left 2
- Fixation Forceps 1
- Gouge 1
- Iris Forceps, ... 1
- Do. Liebreich's 1
- Iris Hook, Tyrrell's 1
- Iris Repositor, silver 1
- Keratome 1
- Lachrymal Probes, Bowman's set 1
- Lens Hook, curved 1
- Lid Spatula 1
- Meibomian Cyst Scoop, Moorfields.. 1
- Needle Holder 1
- Needles 6
- Paracentesis Needle 1
- Punctum Dilator, Lang's 1
- Rectus Forceps, Prince's, right and left 2
- Scissors, Excision 1
- Do. Iris, De Wecker's 1
- Do. Angular 1
- Do. Straight 1
- Silk, 3 sizes, on metal reel.. .. 1
- Speculum, Lang's 1
- Do. Noye's 1
- Do. Wire 1
- Spud 1
- Stop Needle, Bowman's 1
- Synechia Knives, sharp and blunt, Lang's 2
- Trachoma Forceps, Graddy's .. 1

Instruments fitted into polished mahogany case with tray and brass racks .. **14 14 0**



0901 **Set,** consisting of—

- Canaliculus Knife, Weber's 1
- Cataract Knives, Graefe's 2
- Do. Needle, broad 1
- Cilia Forceps 1
- Curette and Cystotome, Graefe's 1
- Fixation Forceps .. 1
- Iridectomy Knife .. 1
- Iris Hook, Tyrrell's .. 1
- Iris Forceps 1
- Iris Scissors 1
- Lachrymal Probes, Bowman's set 1
- Needles in metal case.. 6
- Silk, 3 sizes, on metal reel 1
- Speculum, Clarke's .. 1
- Stop Needles, Bowman's 2
- Strabismus Hook .. 1
- Strabismus Scissors .. 1

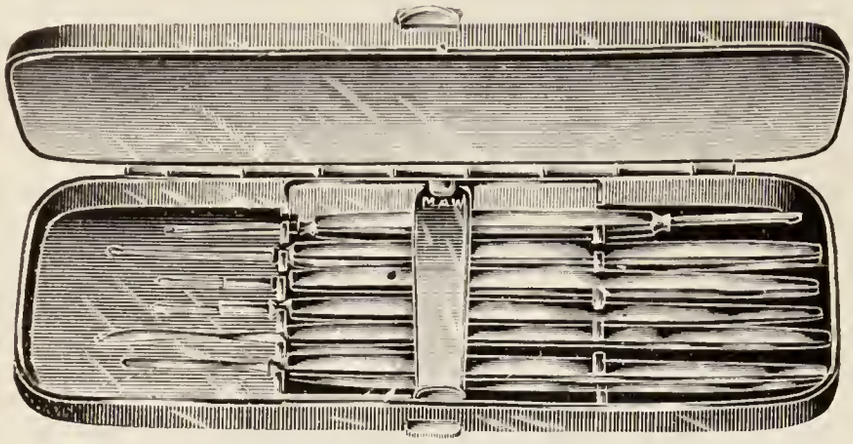
Instruments fitted into aseptic metal case with lift-out rack.. **6 6 0**

0902 **Army Regulation Set,** consisting of—

- Curette, small, and spud combined 1
- Do. vulcanite 1
- Cystotome and Curette 1
- Forceps, Cilia 1
- Do. Entropium, Wilde's .. 1
- Do. Fixation, straight—2 in 3 claws 1
- Do. Iris, curved 1
- Do. do. straight, fine .. 1
- Do. do. toothed on the back 1
- Hook, Lens 1
- Do. Iris, platinum, double .. 1
- Do. Strabismus, Bowman's .. 1
- Knife, Canaliculus, Weber's .. 1
- Do. Cataract, Dixon's 1
- Do. Angular, iridectomy .. 1
- Knives, Graefe's, small, for glaucoma 2
- Do. do. linear 2
- Needle, broad 1
- Needle, Scarpa's 1
- Needles, half curved.. 6
- Do. stop, Bowman's .. 2
- Probes, Bowman's (set of 4 with Critchett's Director) Probes, Lachrymal, Olive-headed, Double-ended (1 and 2) and (3 and 4) and Canaliculus, Nettleship's, in case 1
- Retractor, Desmarre's 1
- Retractors, eyelid, small 2
- Scissors, Excision, curved, small .. 1
- Do. Iris, Maunoir's 1
- Do. straight, Strabismus .. 1
- Speculum, stopped, to fit either eye 1
- Silk, black .. .. .. hank 1
- Do., white .. .. hank 1
- Spoon, double 1
- Do. small, for tarsal cysts .. 1
- Vectis, Taylor's 1

Instruments fitted into mahogany case with brass racks **8 15 0**

ACCESSORIES FOR USE IN OPHTHALMIC SURGERY.

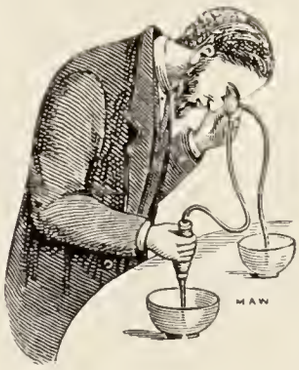


0905

Boxes for Eye Instruments—

No.		£	s.	d.
0903	Mahogany, unpolished .. to hold 2, **1/-** ; 4, **1/3** ; 6, **1/6** ; 12	**0**	**2**	**0**
0904	Plain wood, unpolished .. .. to hold 2, **9**d. ; 3, **1/-** ; 6	**0**	**1**	**3**
0905	Metal, aseptic, with lift-out rack .. .. to hold 6, **7/6** ; 12	**0**	**9**	**6**

0906



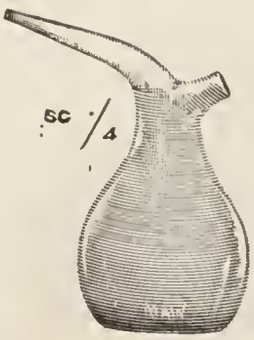
0907

0908

Douches, Irrigators, etc.—

0906	Bowman's, india-rubber, with brass mounts and ivory pipe ..	**0**	**5**	**6**
0907	Double action, india-rubber, in case	**0**	**6**	**0**
0908	Moorfields pattern, 1 quart, porcelain, with 3 ft. of india-rubber tubing and glass nozzle	**0**	**3**	**9**
0909	Do. do., enamelled iron do. do.	**0**	**2**	**6**

0910

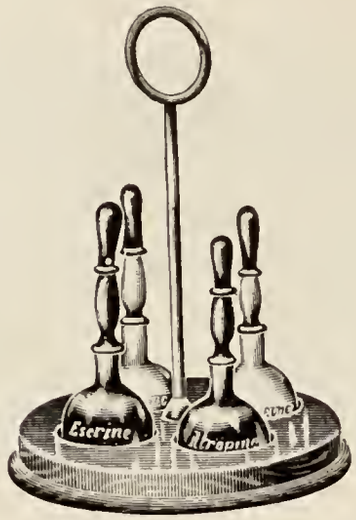


0911

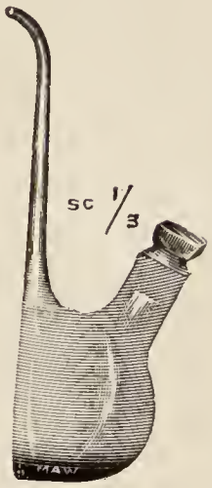
0910	Lawson's, india-rubber ball, ½ oz. .. .. .. per doz.	**0**	**6**	**0**
0911	" Undine " glass, as recommended by Jessop per doz., **6/6** and	**0**	**9**	**6**

Accessories for use in Ophthalmic Surgery—Contd.—

0912



0914

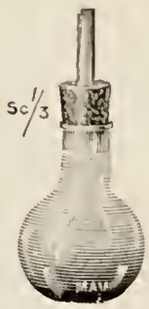


0916

No.	Drop Bottles—		£	s.	d.
0912	Chalk's improved, as used at Moorfields Hospital	per doz.	0	12	6
0913	Stroschein's, for sterilizing ophthalmic solutions..	.. ..	0	1	6
0914	Do. set of 4, on mahogany stand	.. ..	0	10	0
0915	Tripod, with gauze top, for use during sterilization	.. ..	0	1	6

These bottles are made in 4 colours :—Red for atropin, blue for homatropin, amber for eserin, and white for cocaine. The india-rubber teat must be removed before sterilization. Loss of fluid by evaporation may be made up by adding 8 to 10 minims of distilled water to every 6 drachms of fluid before sterilization.

0916	Russ Wood's, in card boxes	each	0	2	0

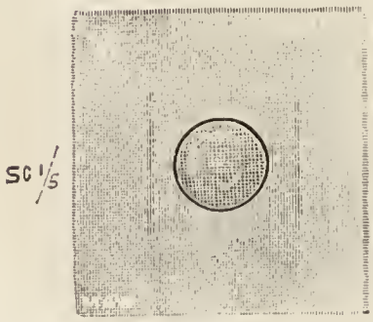


0917-18

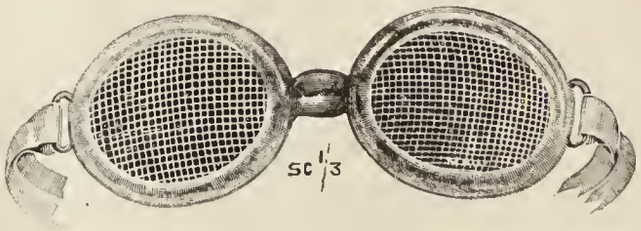
0919

0920

0917	Liebreich's, white glass, with solid tube, in card boxes, as used at Moorfields Hospital	per doz.	0	1	8
0918	Do. coloured glass, amber, blue, green, or red, in card boxes	per doz.	0	2	6
0919	Lang's, in card boxes	,,	0	1	3
0920	Macnaughton Jones's, white, blue or amber, with vulcanite cap, in pull-off card case	per doz.	0	6	0
	Drop Tubes—				
0921	With ball, each in box	per doz.	0	12	0
0922	With teat	,,	0	0	9
0923	With india-rubber tube	,,	0	0	9



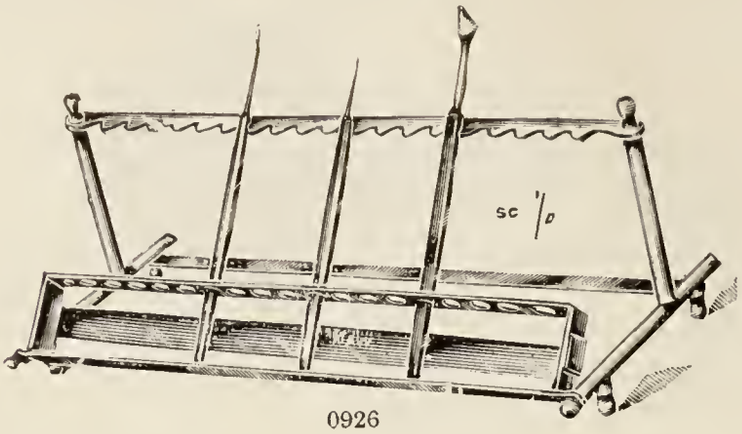
0924



0925

0924	**Eye Shields,** Buller's, for preventing the spread of infection,	per doz.	0	7	6
0925	Do. Pagenstecher's, for use after cataract operations..	each	0	1	3

Accessories for use in Ophthalmic Surgery—Contd.—



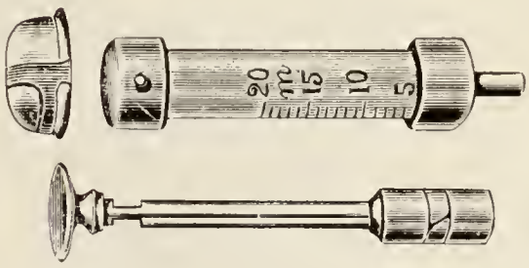
0926

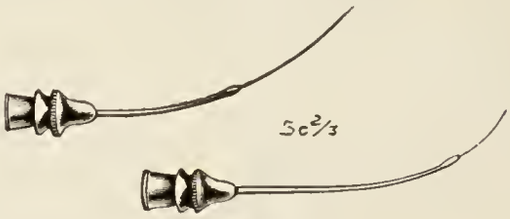
No.		£	s.	d.
0926	**Rack for Eye Instruments,** nickel-plated	0	15	0

0927

0928

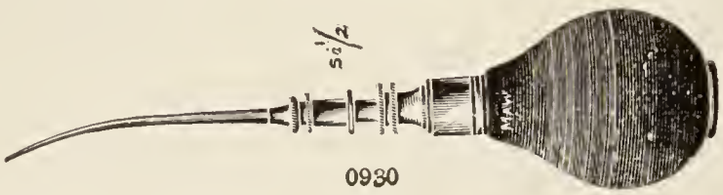
0927	**Syringe,** Maw's registered, for Ophthalmia Neonatorum	0	4	6
	Syringes, Lachrymal—			
0928	Anel's, plated, with two gold pipes and one conical mount ..	0	14	6





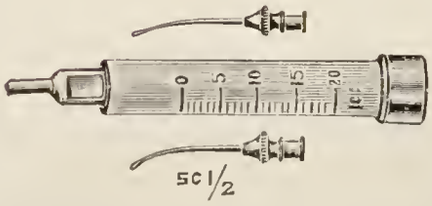
0929

0929	Bishop Harman's, with two pipes, in metal case	0	15	0

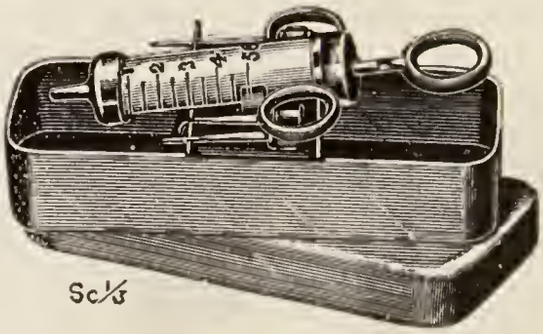


0930

0930	Bowman's, india-rubber, with two silver pipes	0	9	0



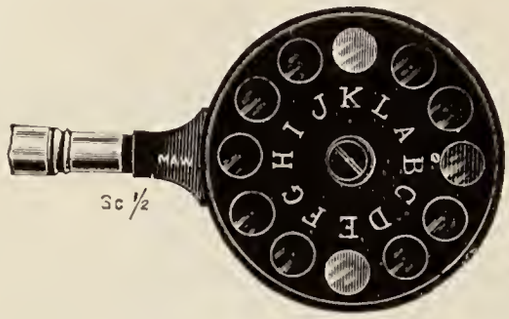
0931



0932

0931	Lang's, all glass, with 2 pipes, in aseptic metal case	0	15	0
0932	"Record" glass, with nickel mounts and plunger, fitted with 3 pipes in aseptic metal case	0	13	6

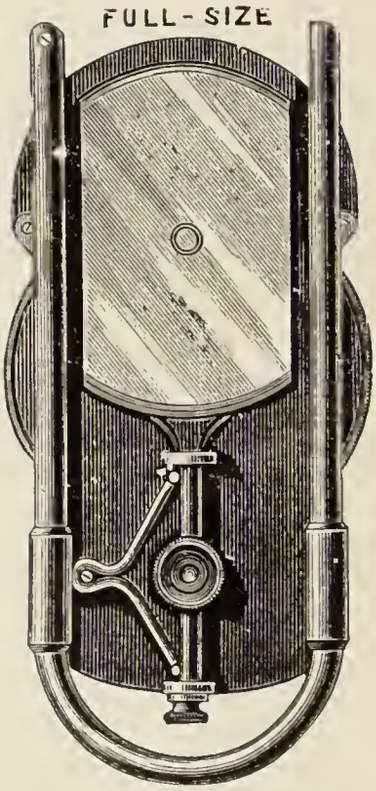
INSTRUMENTS AND APPLIANCES FOR TESTING VISION.



0933

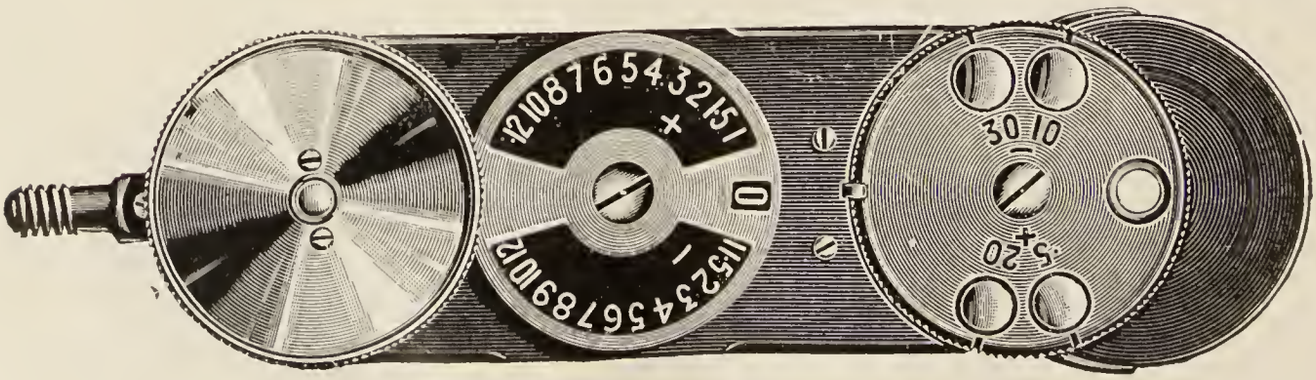
No.	Colour Vision Tests—	£	s.	d.
0933	Scripture's Instrument, in the form of an ophthalmoscope, for testing colour weakness and colour blindness	1	16	0
0934	Wools, Holmgren's .. ..per set	0	5	6
0935	**Lens,** Ernest Clarke's	0	3	9
0936	**Lens Measure,** Geneva pattern	0	13	6

0937



0938

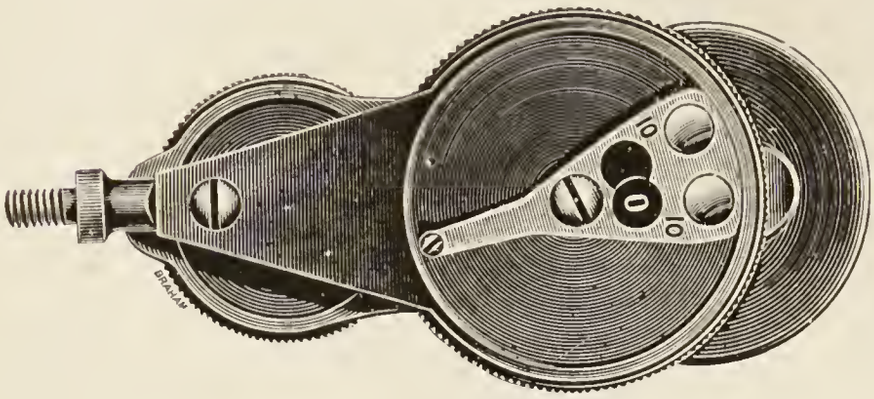
	Ophthalmoscopes—			
0937	Baumeister's, in case	1	2	0
0938	Jessop's, in case	1	2	6



0939

0939	Morton's, in velvet-lined leather case	3	3	0
0940	Do. do. improved, with reversible mirror	3	3	0

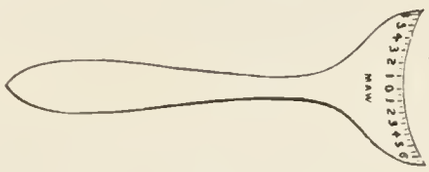
Instruments and Appliances for Testing Vision, etc.—Contd.—



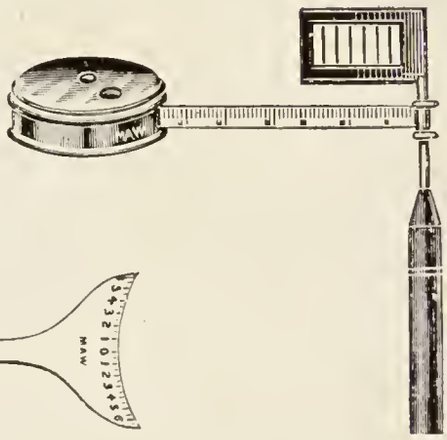
0941

No.	Ophthalmoscopes—Contd.—	£	s.	d.
0941	Lawford's, in leather case	1	7	6
0942	Oldham's, in leather case	1	2	0

0943



0946



0945

	Optometers—				
0943	Nickel-plated, with stand	1	8	0
0944	Boxwood, single	0	4	6
0945	Graefe's, with double scale	0	7	6
0946	**Strabismometer,** Lawrence's, ivory	0	3	0

	Perimeters—			
0947	Hardy's, with 2 sliding object carriers and 2 doz. charts.. ..	6	15	0
0948	Priestley Smith's	6	15	0

0949

0950

0951

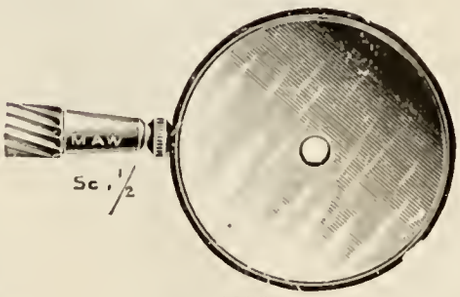
Instruments and Appliances for Testing Vision, etc.—Contd.—

No.	**Phantomes,** for practising Eye Operations—	£	s.	d.
0949	Collins's	0	15	0
0950	Leiter's	2	16	0
0951	Waldau's	1	1	0

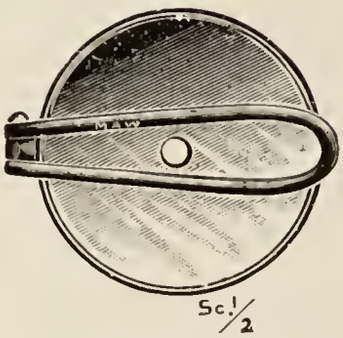
0952

0952	**Refractometer,** Harman's, in case complete	3	14	0

Descriptive Pamphlet on Application.



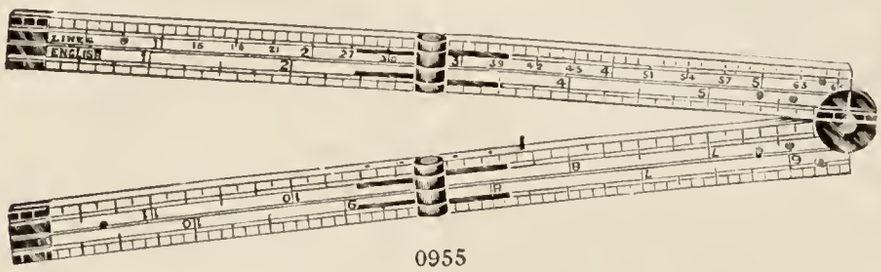
0953



0954

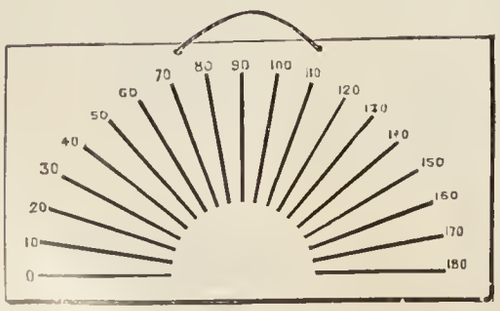
Retinoscopy Mirrors (English Made)—

0953	Plane or concave, 2 in. diameter, with fluted handle	0	4	6
0954	Do. do. do. with folding wire handle	0	5	6



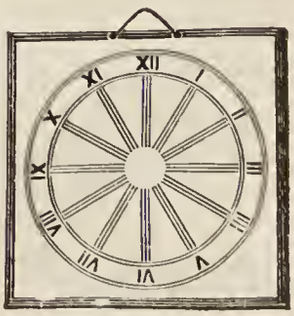
0955

0955	**Spectacle Rule,** graduated in lines, m/ms. and inches, boxwood, **4/6**; ivory	0	8	6



0956

0957

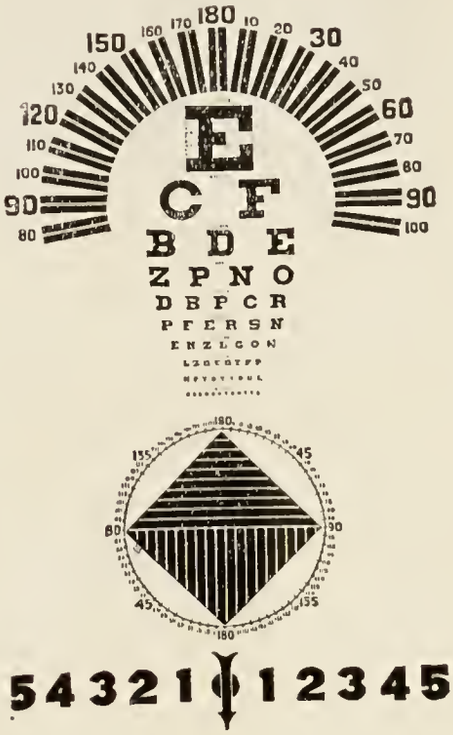


0958

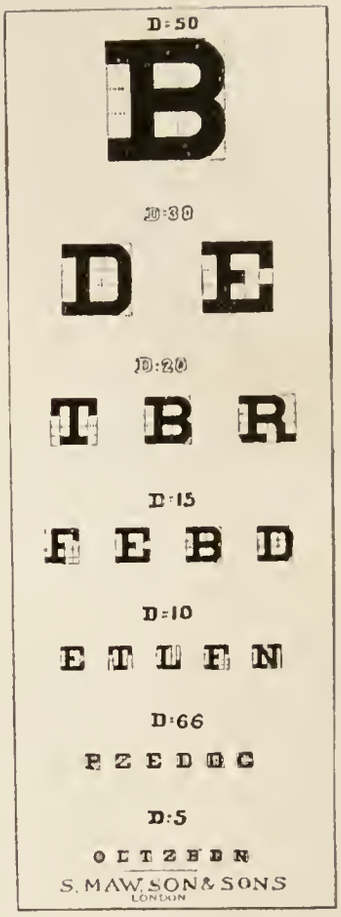
Instruments and Appliances for Testing Vision, etc.—Contd.—

No.	Test Charts—	£	s.	d.
0956	Astigmatism Fan	0	1	0
0957	Astigmatism Diamond Chart, on card	0	1	0
0958	Astigmatism Chart, Clock Dial	0	1	0

0959

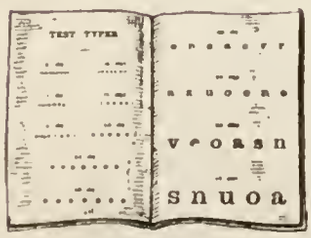


0960

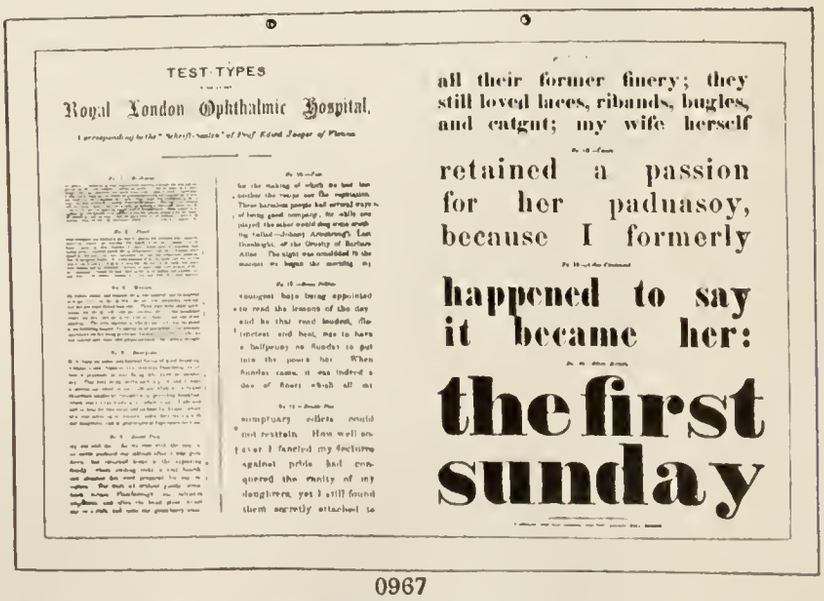


0961

0959	Astigmatism Letter Chart, Pray's, printed on card	0	2	0
0960	The "Orthops," a complete chart for testing all cases of refraction	0	9	6
0961	Distance Type, Snellen's, mounted on cedar .. per pair	0	7	0
0962	Do. do., mounted on card	0	1	0
0963	Do. do., unmounted	0	0	6
0964	Do. for illiterates	0	1	0



0966



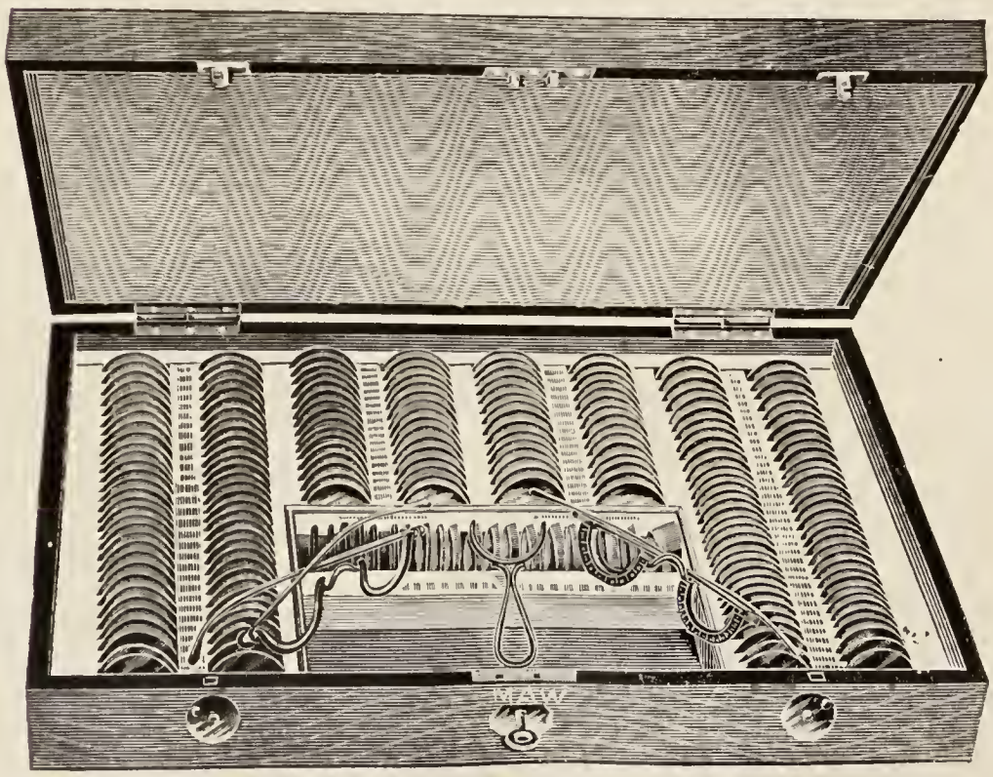
0967

0965	Reading Type, Cowell's, mounted on card	0	0	9
0966	Do. do., pocket size, folding	0	0	9
0967	Do. Moorfields pattern, mounted on card	0	1	6
0968	Reading and Distance Type combined, Jaeger's, in book form, with types in six languages	0	5	0
0969	Do. do. do., Snellen's, with types in three languages	0	5	0

Instruments and Appliances for Testing Vision, etc.—Contd.—

0971

No.	Trial Cases—	£	s.	d.
	The "General Practitioner's" Set, in mahogany case, consisting of—			
	11 pairs Spherical Lenses, convex. / 11 do. do. concave. / 6 do. Cylindrical Lenses, convex. / 6 do. do. concave. / 1 Prism. / 1 Blank Disc. / 1 Stenopaic Slit. / 1 Pin-hole Disc. / 4 Coloured Lenses. / 1 Double Divided Trial Frame.			
	Measurements of Case, 9½ in. by 9 in. by 2½ in.			
0970	Mounted in metal rims	3	5	0
0971	Unmounted	2	10	0
	The "Improved General Practitioner's" Set, in walnut case, consisting of—			
	20 pairs Spherical Lenses, convex. / 20 do. do. concave. / 3 Prisms. / 12 pairs Cylindrical Lenses, convex. / 12 do. do. concave. / 1 Stenopaic Slit. / 1 Pin-hole Disc. / 1 Divided Trial Frame. / 1 Blank Disc. / 4 Coloured Lenses.			
	Measurements of Case, 13¼ in. by 9½ in. by 2½ in.			
0972	Mounted in metal rims	5	10	0
0973	Unmounted	4	4	0



0974

0974 The "Optician's" Set, in polished mahogany case, with lift-off lid, consisting of—

30 pairs Spherical Lenses, convex.
30 do. do. concave.
18 do. Cylindrical Lenses, convex.
18 do. do. concave.

Instruments and Appliances for Testing Vision, etc.—Contd.—

Trial Cases—Contd.—

No.		£	s.	d.
	12 Prisms, 3° to 18°. 12 Coloured Lenses. 1 Ground Glass. 1 Stenopaic Slit. 1 Pin-hole Disc. 1 Blank Disc. 1 Lens Holder. 1 Single Trial Frame. 1 Double Divided Trial Frame.	7	5	0

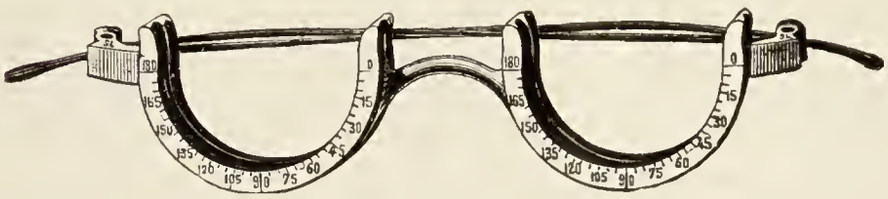
Measurements of Case, 18½ in. by 14 in. by 2¾ in.

0975	The "Consultant's" Set, with the same contents and case as No. 0974, but with all the lenses mounted in metal rims ..	11	0	0
0976	The "Improved Consultant's" Set, in polished mahogany case, with bevelled glass top, consisting of the following 1½ in. lenses in metal rims, with handles—			

35 pairs Spherical Lenses, convex.
35 do. do. concave.
21 do. Cylindrical Lenses, convex.
21 do. do. concave.
15 Prisms, 1° to 20°.
14 Discs.
1 Retinoscope.
1 Single Trial Frame.
1 Double Divided Trial Frame.
1 Lens Measure.
1 Maddox Groove.
1 Maddox Rod.
1 Chromatic Test.

	18	18	0

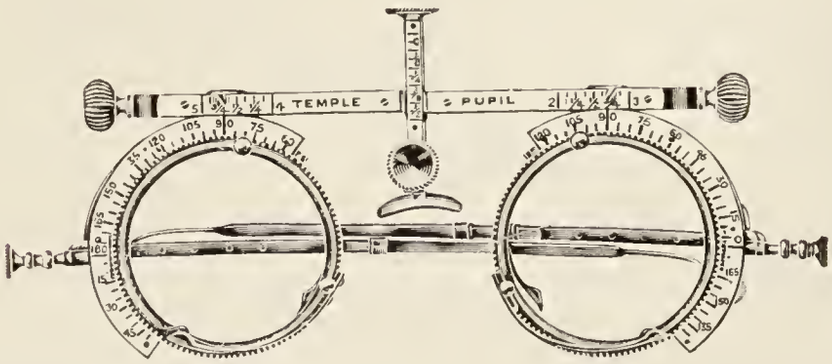
Measurements of Case, 22 in. by 16½ in. by 5½ in.



0977

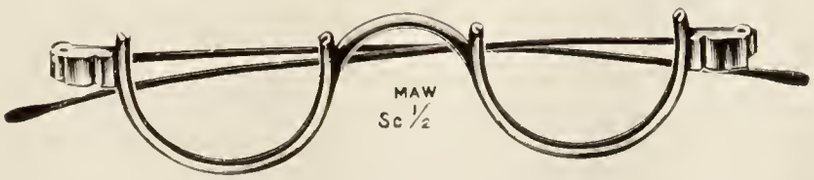
Trial Frames—

0977	Double, with celluloid fronts, divided for 4 lenses	0	5	0



0978

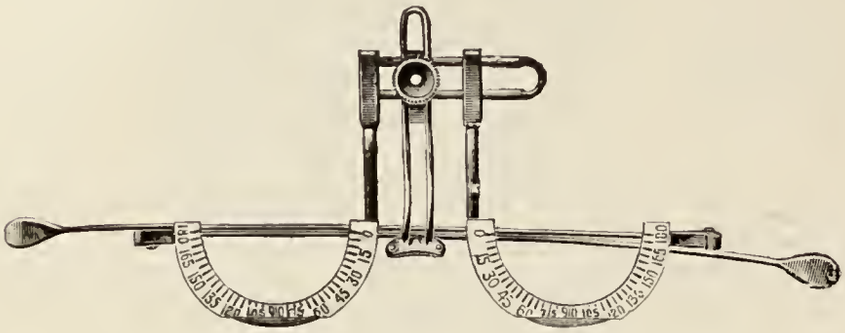
0978	Double, divided, with widths of centres, facial breadths and height of bridges	1	17	6



0979

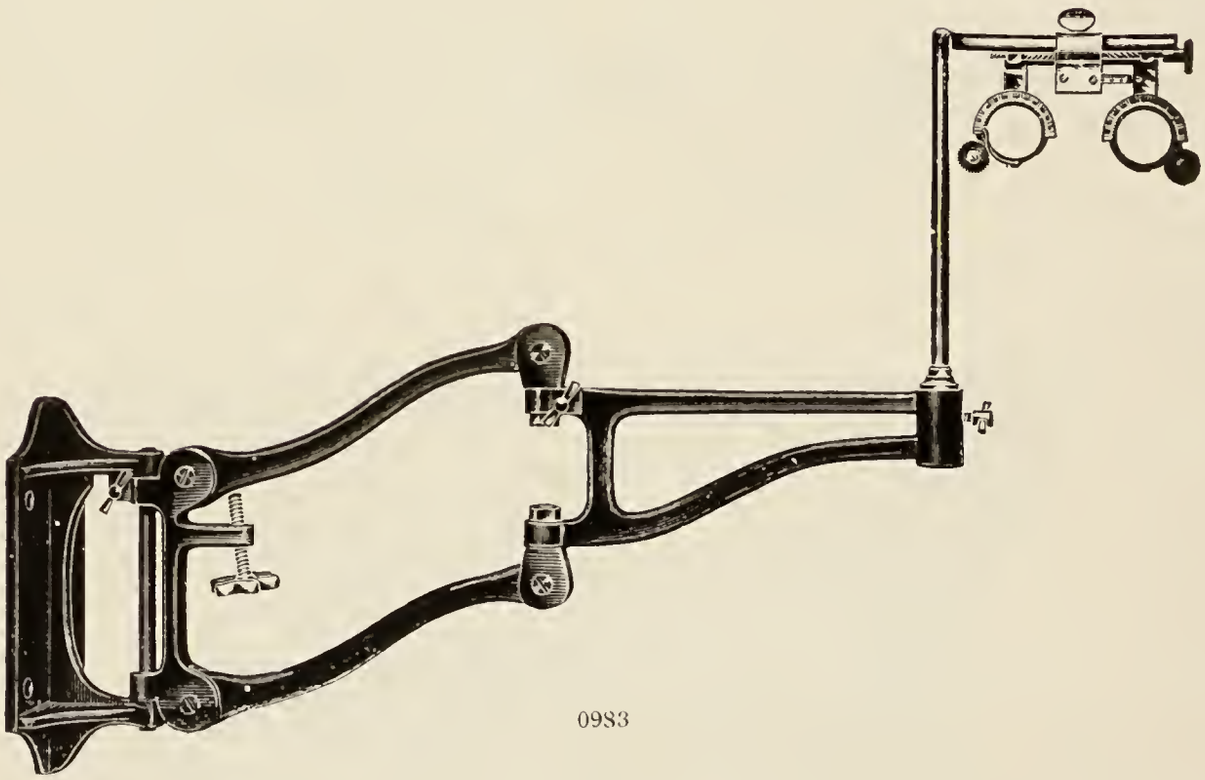
0979	Single, divided, best quality..	0	4	0

Instruments and Appliances for Testing Vision, etc.—Contd.—



0980

No.	**Trial Frames—Contd.—**	£	s.	d.
0980	Moorfields model, adjustable to width of face	**1**	**4**	**0**
0981	Tosswill's, with 4 cells, adjustable to width of face	**1**	**17**	**6**
0982	Two-cell, divided, with celluloid scale and blank discs attached ..	**0**	**12**	**6**



0983

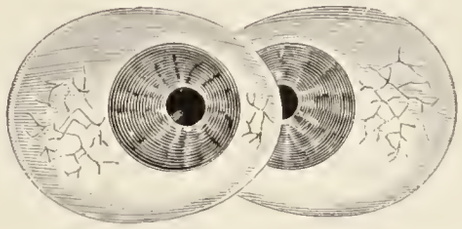
0983 **Trial Frame and Bracket,** "The Sutcliffe" **4 4 0**

The frame is made to hold 6 lenses and is fitted with screw motion for various pupillary distances, and a swinging nosepiece, thus making it instantly adjustable to any face.

OPHTHALMIC APPLIANCES.

Surgeons' Prescriptions carefully carried out.
Prescription Books free on application.

0984
(SECTION.)



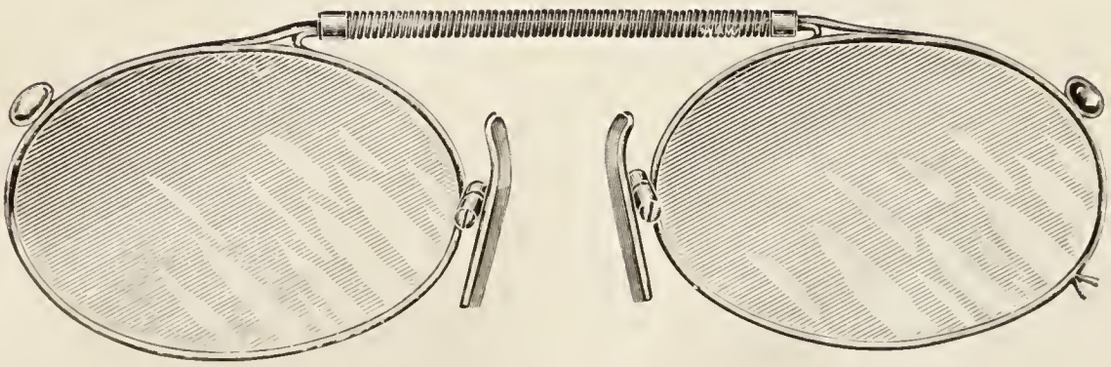
ARTIFICIAL EYES.

0986
(SECTION.)

No.		£	s.	d.
	Artificial Eyes—			
0984	Ordinary pattern, best quality, any shade of colour (from stock)	0	3	6
0985	Do. do., made to order	0	7	6
0986	Snellen's, with enclosed shell, any shade of colour (from stock)	0	4	6
0987	Do. do., made to order	0	15	0
	Eye Glasses, Oxford, Concave or Convex—			
0988	Rimless .. .. per doz.	0	3	0
0989	White metal rim .. ..per doz., plain	0	12	0
0990	Gold Filled rim .. per doz., plain, **12/-**; with gallery	0	18	0
0991	Gold rim, two qualities .. .. each, 9-ct. **6/9**; 15-ct.	0	15	0
	Eyeglass Chains—			
0992	Gilt, oxidized or aluminium, various patterns .. .. each	0	0	6
0993	Gold Filled, various patterns .. .. ,,	0	1	0
0994	Gold, two qualities .. .. each, 9-ct. from **5/-**; 15-ct.	0	10	6

0996

	Eyeglass Cords—			
0995	Black .. .. per doz.	0	0	6
0996	Do., with swivels .. .. ,,	0	1	6
0997	Gimp, gilt, with swivels .. .. ,,	0	1	6
0998	Do., do., with spring swivels .. .. .. ,,	0	2	0



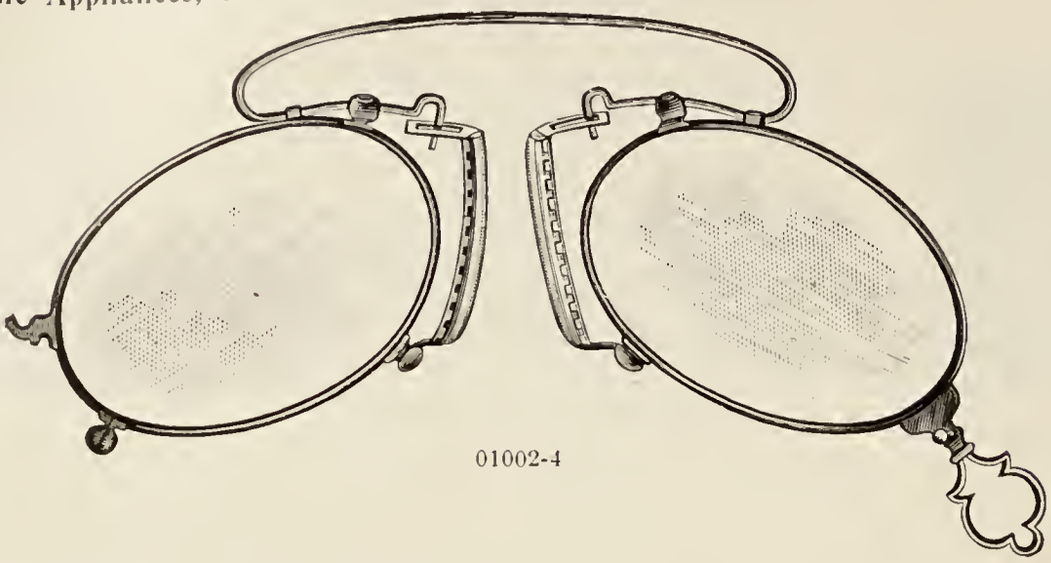
0999-01

Folders, etc., in Cases—

Astigmatic Clips, with spiral spring—

0999	Nickel-plated, 2 qualities .. each, ordinary, **2/6**; best	0	3	6
01000	Gold, 2 qualities .. .. each from, 9-ct. **15/-**; 15-ct.	1	8	6
01001	Gold-filled, best quality	0	5	6

Ophthalmic Appliances, etc.—Contd.—

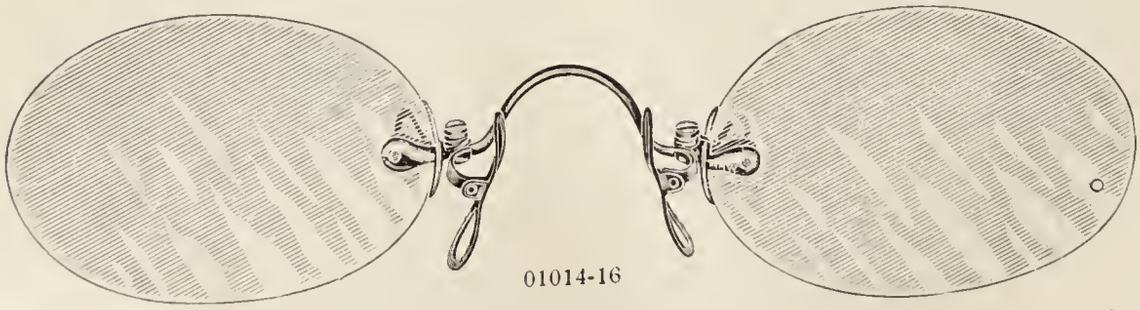


01002-4

No.	**Folders, etc., in Cases—Contd.—**	£	s.	d.
	Canadian, with fancy handle, with concave or convex glasses—			
01002	Nickel-plated, with plain, smoke, or coloured glasses ..	0	2	6
01003	Gold, 2 qualities .. .. each from, 9-ct. **15/-**; 15-ct.	1	5	6
01004	Gold-filled, best quality..	0	5	6
	Canadian, with loop handle, fitted with concave or convex glasses—			
01005	Nickel-plated, with plain, smoked or coloured glasses ..	0	2	6
01006	Gold, 2 qualities .. .. each from, 9-ct. **15/-**; 15-ct.	1	5	6
01007	Gold-filled, best quality..	0	5	6

01008-10

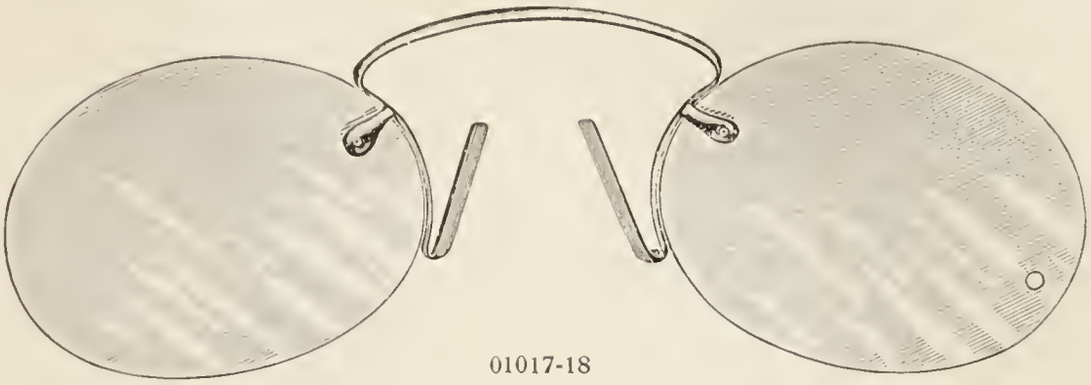
	Japanese, with fancy handle, fitted with concave or convex glasses—			
01008	Nickel-plated, with plain, smoke or coloured glasses ..	0	2	6
01009	Gold, 2 qualities .. .. each from, 9-ct. **15/-**; 15-ct.	1	5	6
01010	Gold-filled, best quality	0	5	6
	Japanese, with loop handle, fitted with concave or convex glasses—			
01011	Nickel-plated, with plain, smoke or coloured glasses ..	0	2	6
01012	Gold, 2 qualities .. .. each from, 9-ct. **15/-**; 15-ct.	1	5	6
01013	Gold-filled, best quality	0	5	6



01014-16

01014	"Finger-piece" mounting,	Gold, 10-ct.	0	15	0
01015	Do. do.,	Gold-filled, best quality	0	7	6
01016	Do. do.,	White metal	0	5	0

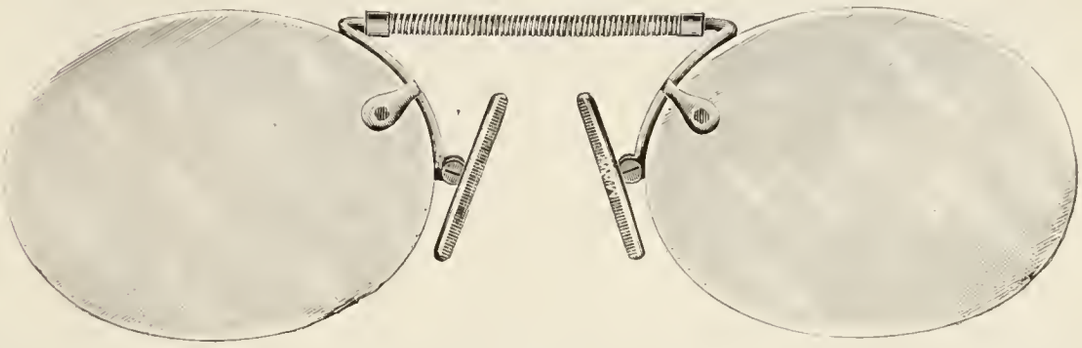
Ophthalmic Appliances, etc.—Contd.—



01017-18

No.	**Folders, etc., in Cases—Contd.—**	£	s.	d.
	Rimless "Perfect" Eye-Glass—			
01017	Gold, 9-ct., with Xylo or Cork Placquets	0	10	6
01018	Gold-filled, with Xylo or Cork Placquets, best quality ..	0	7	0
01019	Gold, 9-ct., with Xylo or Cork Swing Placquets	0	10	6
01020	Gold-filled, with Xylo or Cork Swing Placquets	0	7	0

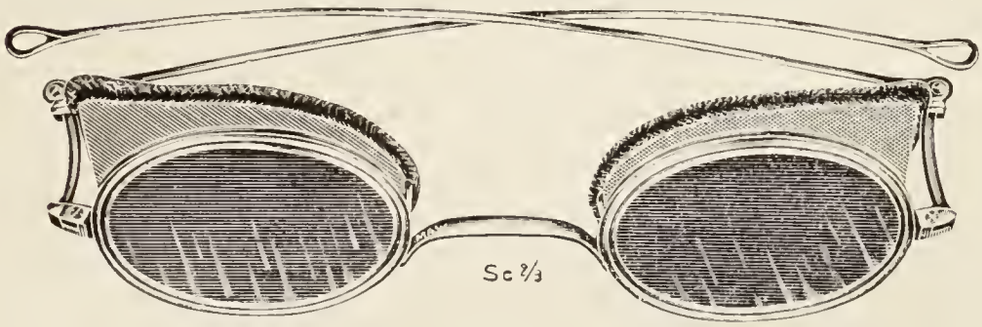
These prices include best spherical lenses.



01021-23

01021	Rimless Eye-Glasses, various patterns, Nickel Mounts	0	3	6
01022	Do. do. do., Gold-filled Mounts ..	0	5	6
01023	Do. do. do., Gold, 9-ct.	0	10	6
01024	Do. do. "Trupoize," 9-ct.	0	15	0
01025	Do. do. "Inviso," 9-ct.	0	15	0
01026	Do. do. "Fairy," 9-ct.	0	15	0

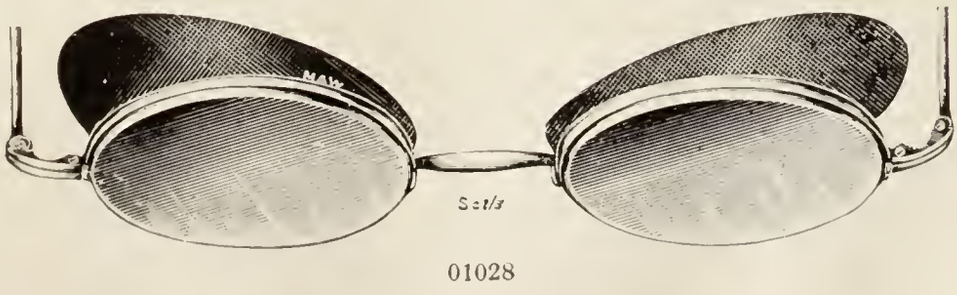
These prices include best spherical lenses.
Mounts sent on approval for selection.



01027

Goggles, with smoke or blue glasses—

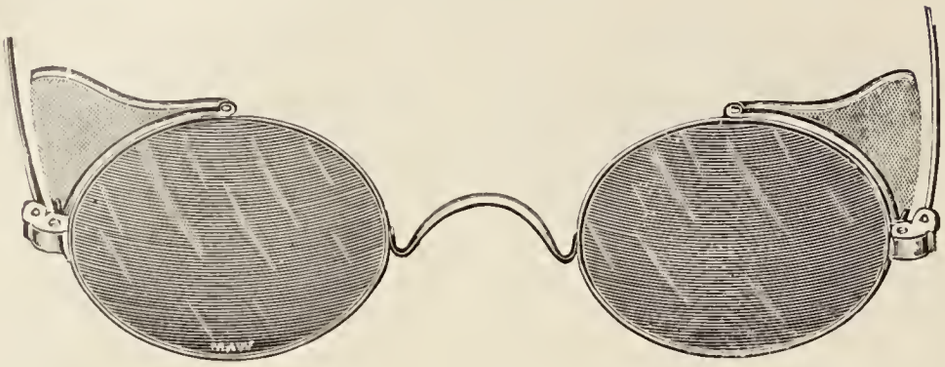
01027	Beaumont's, solid nickel, with plated gauze cups..	0	6	6



01028

01028	Solid nickel frame, with collapsible silk cups	0	4	6

Ophthalmic Appliances—Contd.—



01029

Goggles—Contd.—

No.		£	s.	d.
01029	Cyclists', with fold-over cups, solid nickel, amber, 1/6; white or smoke	0	1	0

01030-1

Hand Frames, with Lenses—

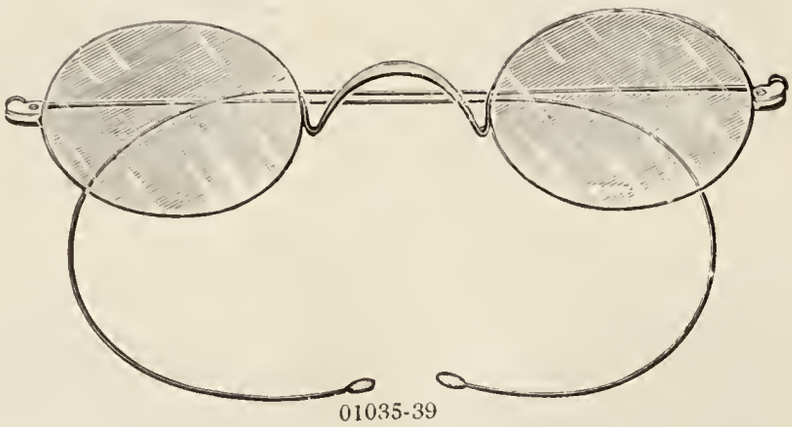
01030	Imitation Shell, various patterns, two qualities, each, 4/6 and	0	5	6
01031	Shell, plain handle, 10 in.	0	12	6
01032	Do., carved handle, 10 in.	0	17	6

01033

01033	Shell, "Thorn" pattern, 10 in.	0	15	0

01034

01034	Shell, "Bamboo" pattern, 10 in.	0	15	0

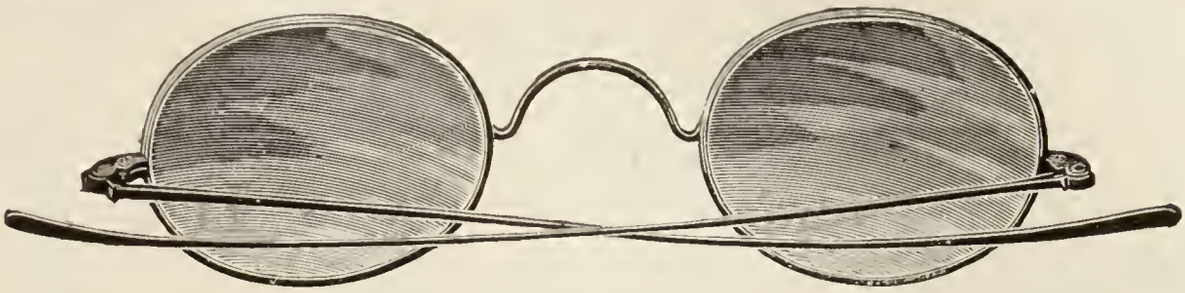


01035-39

Spectacles, in Cases—

	Curl side, with concave or convex glasses—	Oval.	Pantoscopic.	Periscopic.
01035	Steel frame, straw colour	3/6	3/6	3/6
01036	Nickel	2/-	2/6	2/6
01037	Gold, 9-ct. .. .. .. from	16/6	16/6	16/6
01038	Do. 15-ct.	25/6	25/6	25/6
01039	Gold-filled	4/6	4/6	4/6

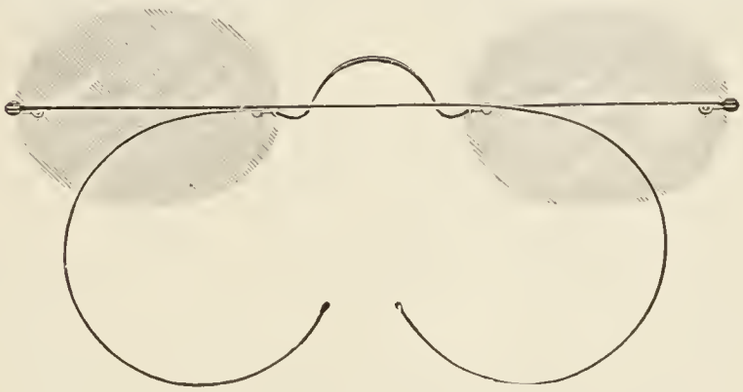
Ophthalmic Appliances—Contd.—



01040-44

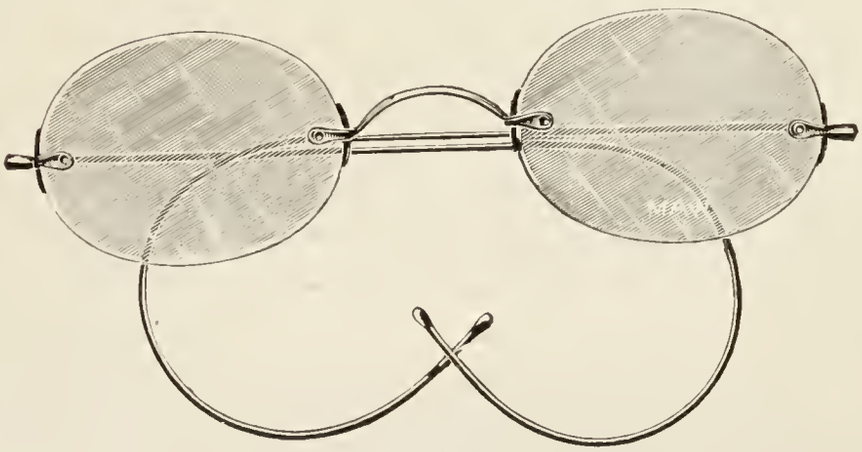
Spectacles, in Cases—Contd.—

No.	Straight sides, with concave or convex glasses—	Oval.	Pantoscopic.	Periscopic.
01040	Steel, blue	-/9	—	—
01041	Do. straw colour, with loop end	2/6	—	—
01042	Do. nickelled	2/6	2/6	2/6
01043	Gold, 9-ct. .. .. .. from	16/6	16/6	16/6
01044	Gold-filled, best quality	4/6	4/6	4/6



01045

	Rimless "Inviso" (patent) with twisted wire curl sides—	£ s. d.
01045	Gold, 10-ct., with best spherical lenses	0 14 6



01046-48

01046	Curl Side Rimless, nickel mounts	each	0 4 0
01047	Do. do., gold-filled, best quality	,,	0 6 6
01048	Do., do., gold, 10-ct., extra light	,,	0 12 6

The above are only made to order and cannot be sent on approval. The prices include best spherical lenses and cases.

Spectacles in Special Forms, in Cases—

Bifocal, for Distance and Reading combined, with curl or straight sides—

01049	Steel, nickel-plated		0 7 6
01050	Gold, 9-ct.	from	1 2 6
01051	Do. 15-ct.	,,	1 11 6
01052	Gold-filled best quality		0 10 6

"Kryptok" and other specials at list prices.

Ophthalmic Appliances, etc.—Contd.—

Spectacles in Special Forms, in Cases—**Contd.—**

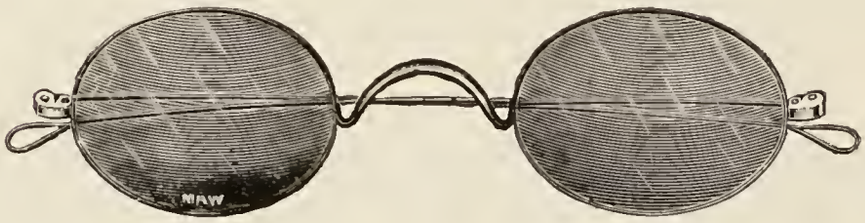
Billiard Spectacles, with large round eyes, fitted with curl or straight sides—

No.		£	s.	d.
01053	Steel, straw colour	0	3	9
01054	Gold, 9-ct. .. .. from	1	5	6
01055	Do. 15-ct. .. .. ,,	2	2	0

Shooting or Orthoptic Spectacles, with disc in one eye and smoke or coloured glass in the other—

01056	Steel, straw colour, with curl or straight sides	0	4	6

Any of the above Spectacles, except Bifocals, can be fitted with pebbles, instead of glasses, at an extra cost of **3/6** *per pair concave, or* **2/6** *per pair convex.*



01057-59

Spectacles with Smoke or Coloured Glasses, in Cases—

Dome or Globular—

01057	Steel, nickel-plated, 2 qualities .. .. 1/- and	0	1	6
01058	Gold-filled, best quality	0	7	6
01059	Gold, 9-ct. .. .. from	1	5	6

Spectacles with Chlorophyl or Fieuzal Glasses, in Cases—

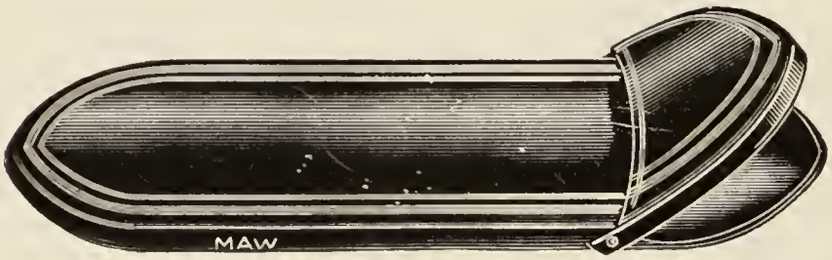
Flat Glasses—

01060	Steel, nickel-plated .. .. 1/6 and	0	5	0
01061	Gold-filled, best quality	0	7	0
01062	Gold, 9-ct.	1	0	0

Dome or Globular—

01063	Steel, nickel-plated .. .. 2/- and	0	7	6
01064	Gold-filled, best quality	0	9	6
01065	Gold, 9-ct.	1	10	0

The above lenses afford better protection than the ordinary smoke lenses, since they cut off the actinic rays only. They can also be ground to various curves to correct errors of refraction.

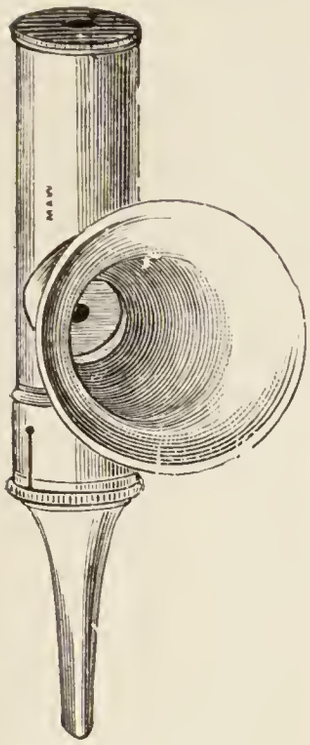


01066

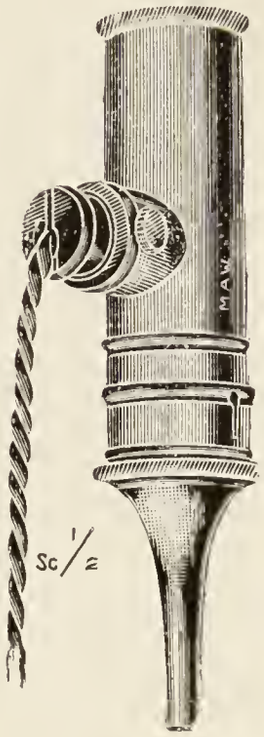
Spectacle Cases—

01066	Frogmouth, leather-covered, for straight sides, three qualities, per doz., **4/-**, **6/-** and	0	9	0
01067	Do. do., extra wide for curl sides, three qualities .. .. per doz., **4/-**, **6/-** and	0	9	0
01068	Metal, snap, steel, leather-covered .. .. .. per doz.	0	9	0
01069	Do. do., aluminium, leather-covered .. .. ,,	0	12	0
01070	Tuck, leather, for straight sides, two qualities .. ,,	0	2	6
01071	Do. do., extra wide for curl sides, two qualities ,,	0	3	0

EAR INSTRUMENTS.



01072

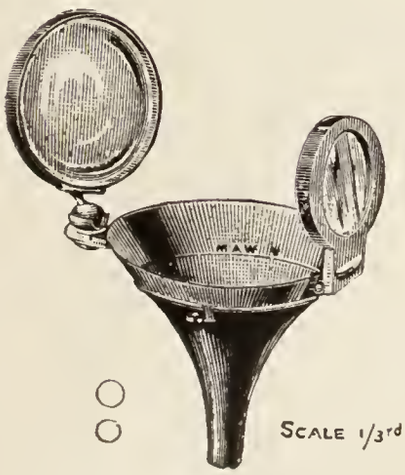


01073

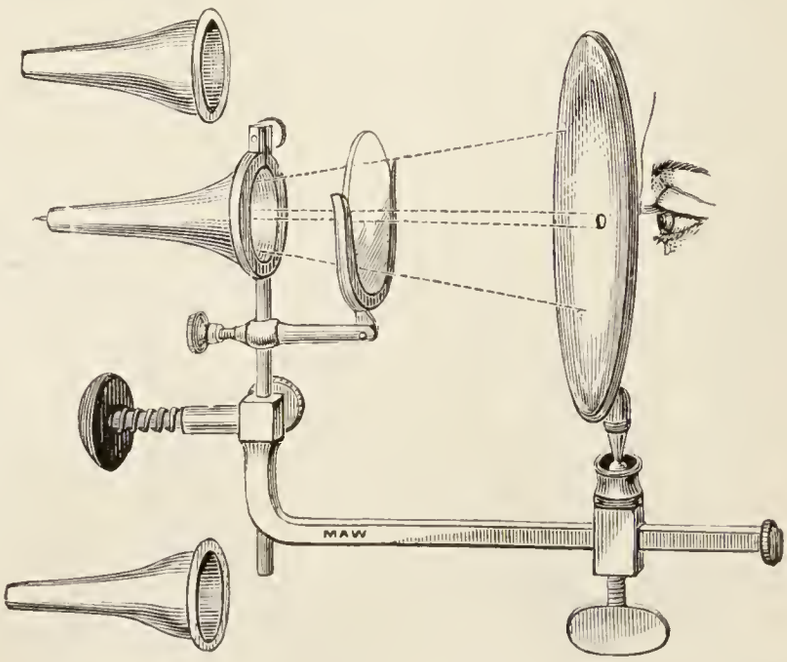
01075

Auriscopes—

No.		£	s.	d.
01072	Brunton's, with set of 3 specula in case	1	1	0
01073	Do. with electric illumination, with 3 specula in case ..	1	7	6
01074	Do. do., with dry cell battery, in walnut case	1	17	6
01075	Hovell's, with set of 3 specula in case	1	1	0



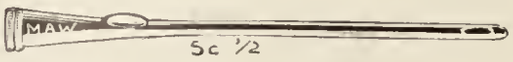
01076



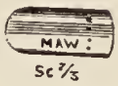
01077

01076	Macnaughton Jones's, with hinged lenses	0	12	6
01077	Weber's, with set of 3 specula in case	1	0	0
01078	**Auscultation or Diagnosis Tube,** Toynbee's	0	2	0
01079	Do. do. do., Lloyd's, with interchangeable metal ear pieces	0	2	6
01080	Spare metal ear pieces for ditto .. .. each	0	1	0

Ear Instruments—Contd.—



01081



01082

No.		£	s.	d.
01081	**Canula,** Faulder White's, for irrigation of middle ear and attic after otectomy	0	2	6
01082	Intra-tympanic and meatal tube, Faulder White's, for use after otectomy, 5 sizes.. .. ..per set	0	5	6

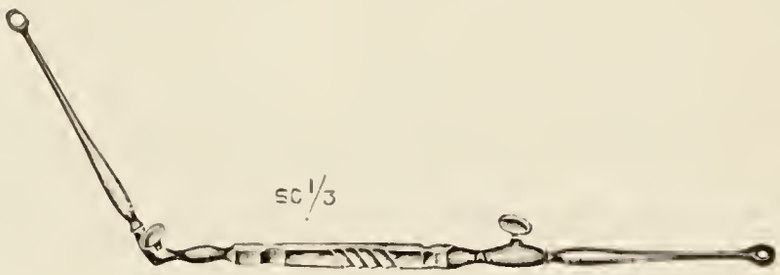
01083

01084

01087

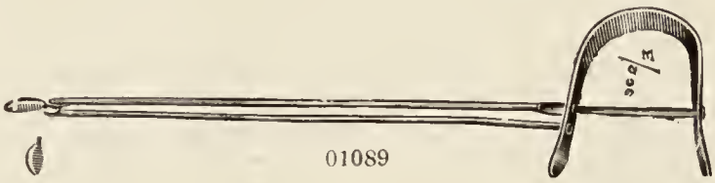
Curettes—

01083	Barker's	0	3	0
01084	Do.	0	3	0
01085	Burt's, to cut downwards	0	3	0
01086	Do., to cut upwards	0	3	0
01087	Imray's, with probe	0	3	0



01088

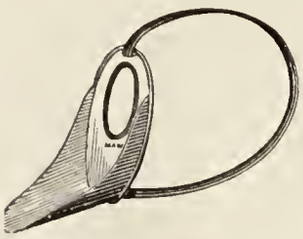
01088	Politzer's, set of 2 fitting one handle	0	8	6



01089

01089	Quer's	0	3	6

01090



01091

01092

Ear Channels—

01090	Japanned tin, with elastic loop for ear	0	1	6
01091	Do. with elastic head band	0	2	6
01092	Do. with spring for head	0	4	0
01093	Do. with waste tube and india-rubber band.. ..	0	3	0
01094	**Ear Trough,** Brown's, glass, with flat bottom	0	2	0
01095	Do. do., enamelled tin	0	1	6

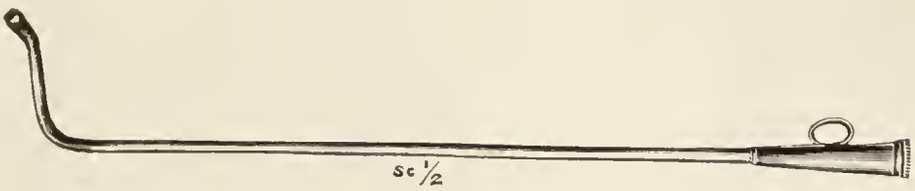
Ear Instruments—Contd.—

No.	Eustachian Bougies—	£	s.	d.
01096	Celluloid, set of 6 in case	0	7	6
01097	Hunter Tod's, elastic gum, 3 sizes .. .. each	0	1	6

01098

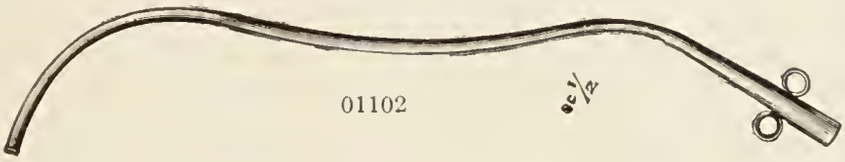
Eustachian Catheters—

01098	Hovell's, 3 sizes .. .. .. each, plated, 2/6; silver	0	4	3
01099	Kramer's, silver, 3 sizes .. .. each	0	4	3
01100	Do. vulcanite, 3 sizes .. .. ,,	0	1	0



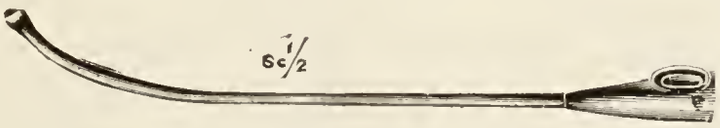
01101

01101	Noye's, curved to right or left .. .. each	0	4	3



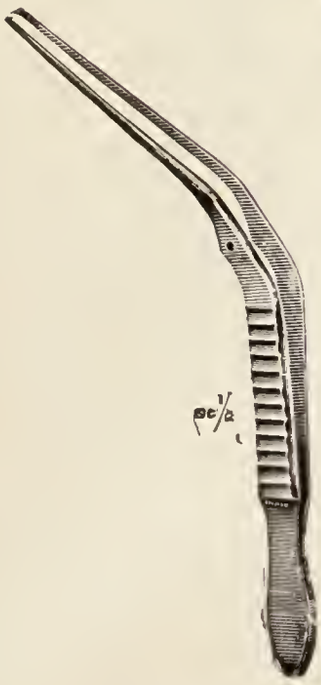
01102

01102	Pilcher's, silver, 3 sizes .. .. each	0	4	3
01103	Do. vulcanite, 3 sizes .. .. ,,	0	4	6
01104	Stuart Low's, shape as No. 01098, but fitted with stilette to close the end of the tube .. .. each	0	4	3

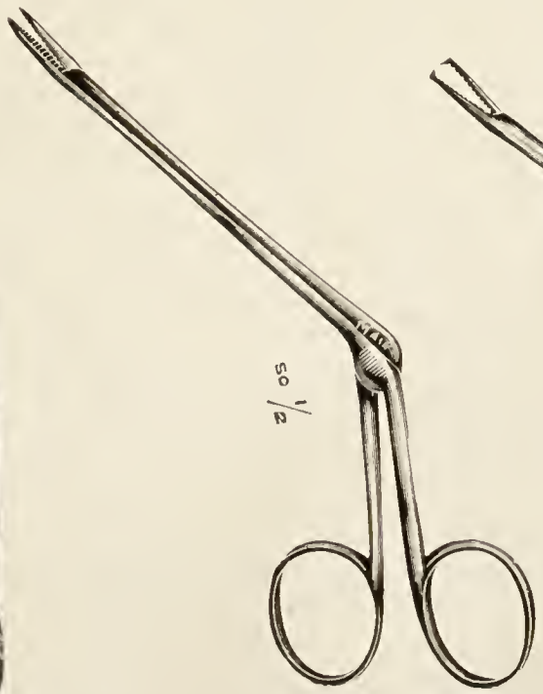


01105

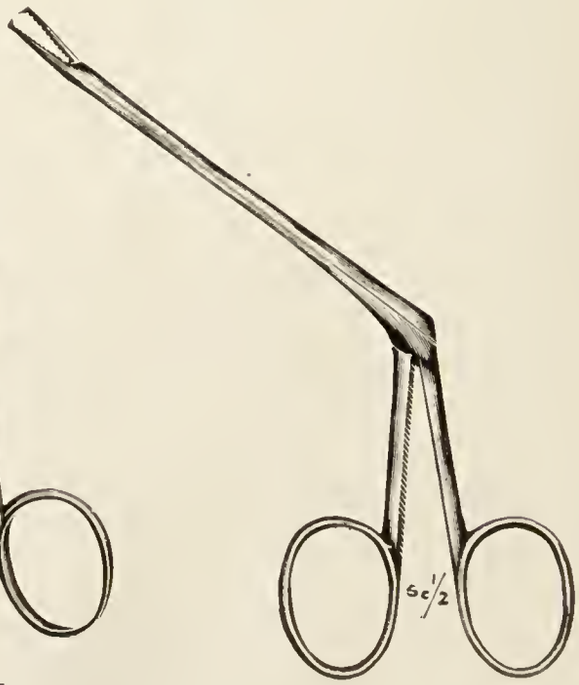
01105	Woakes's, 3 sizes .. .. .. each, plated, 2/6; silver	0	4	3



01106



01107



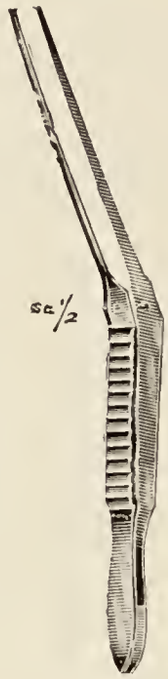
01108

Forceps—

01106	Abbott's	0	5	6
01107	Bond's, with serrated points..	0	7	6
01108	"Crocodile," with tenaculum points	0	7	6

Ear Instruments—Contd.—

01109

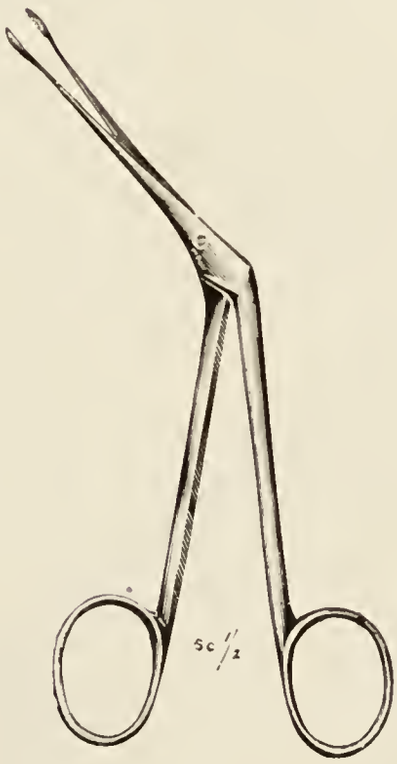


01110

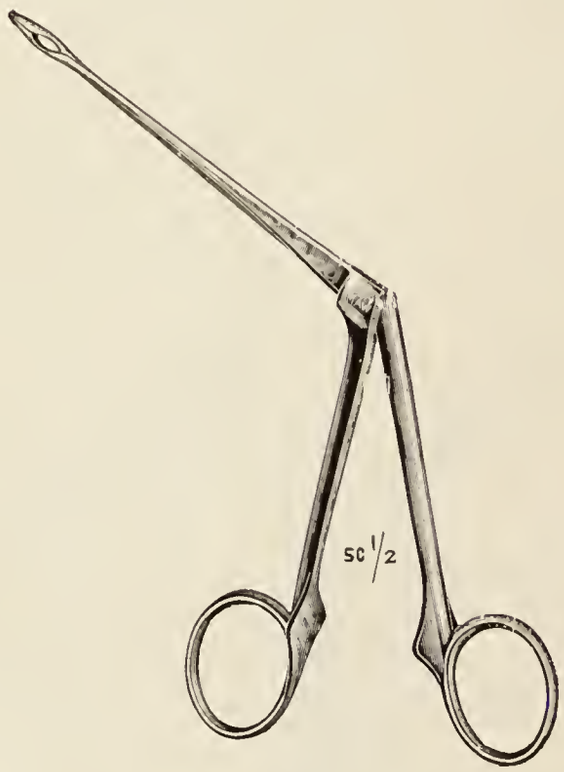
01111

Forceps—Contd.—

No.		£	s.	d.
01109	Cross action	0	5	6
01110	Cumberbatch's	0	4	9
01111	Lucae's	0	4	0



01112



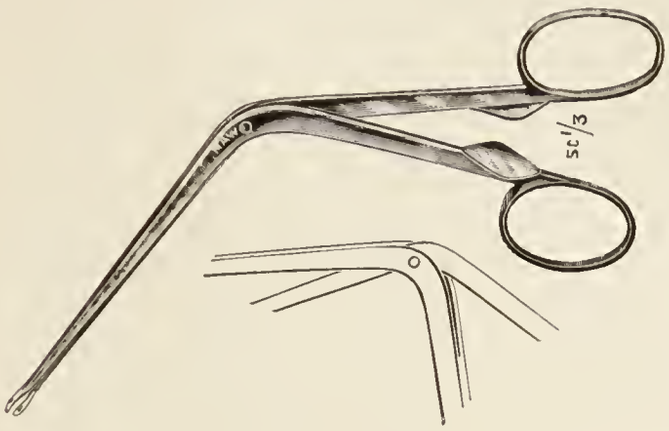
01113

01112	Hartman's	0	7	6
01113	Heath's (Charles) with elevating wings and serrated jaws ..	0	13	6
01114	Do. do. do., and cup jaws	0	13	6

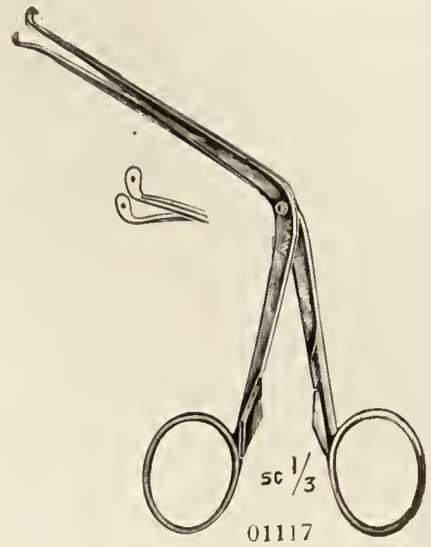
01151

01115	Morse's, to take apart; the separate blades can be used as blunt curettes	0	8	0

Ear Instruments—Contd.—

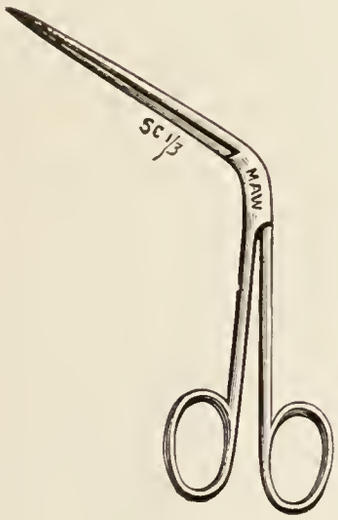


01116

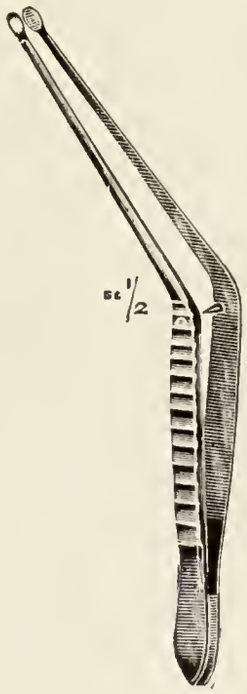


01117

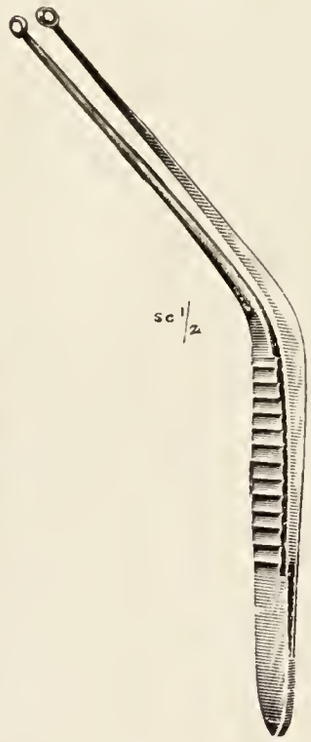
No.	Forceps—Contd.—	£	s.	d.
01116	Heath's (Charles), for granulations, straight	0	18	9
01117	Do. do. do., curved to right	0	18	9
01118	Do. do. do., curved to left	0	18	9



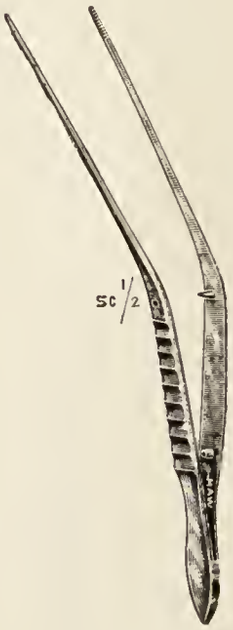
01119



01122

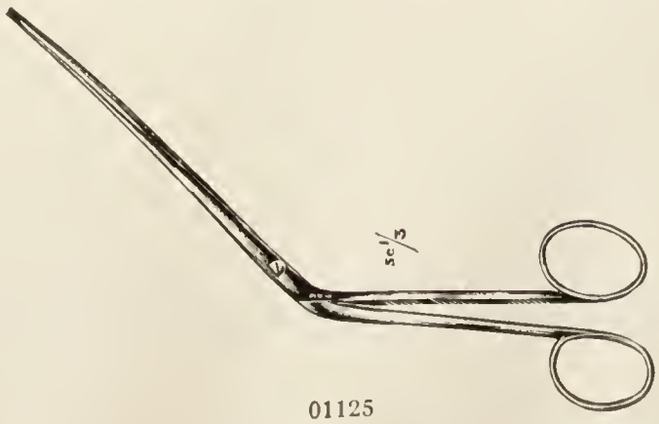


01123



01124

01119	Kelson's	0	5	3
01120	McGeagh's, for Ear, Throat and Nose	0	9	0
01121	Pegler's	0	6	6
01122	Politzer's	0	4	6
01123	Do. fenestrated	0	4	6
01124	Scott's, with fine points, as used at St. Bartholomew's Hospital	0	4	6



01125

01125	Stanley Green's .. .. screw joint, 5/6; disjointing	0	7	0

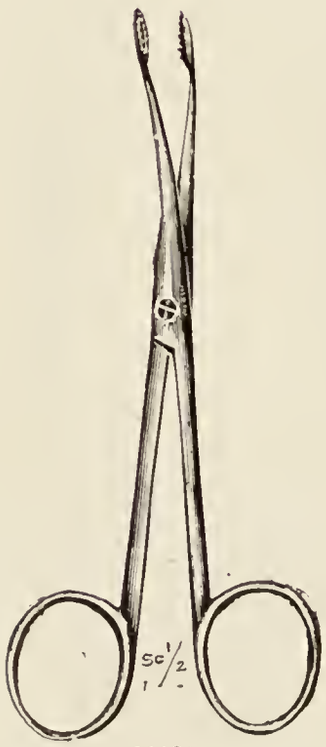
Ear Instruments—Contd.—

01126

01129

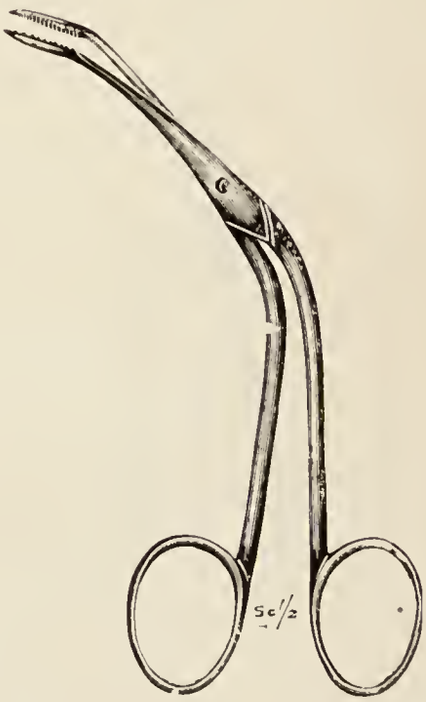
01130

No.	**Forceps—Contd.—**	£	s.	d.
01126	Toynbee's, rectangular, cross action	0	9	6
01127	Querzahen's, with serrated points	0	4	0
01128	Wilde's, with tenaculum points	0	4	6
01129	Yearsley's	0	3	6
01130	Do. with probe	0	4	3



01131

01132



01133

Forceps for Removal of Aural Polypi—

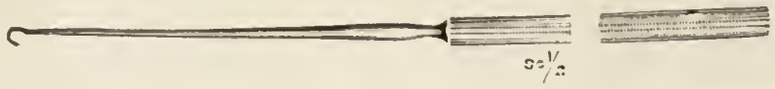
01131	Yearsley's, curved on flat	0	5	0
01132	Do. with crank bent handles	0	5	0
01133	Do. curved to side	0	5	0

01134

Hooks, with metal handles—

01134	Blunt, with pinion wire handle	0	4	0

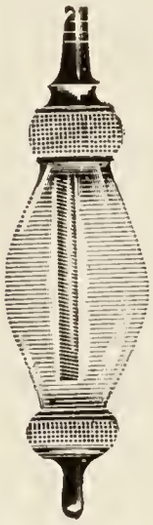
Ear Instruments—Contd.—



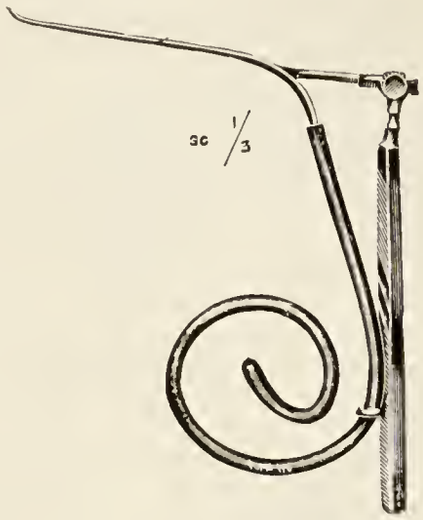
01135

01136

No.		£	s.	d.
	Hooks, with metal handles—**Contd.**—			
01135	Hartman's, with pinion wire handle	0	3	0
01136	St. Bartholomew's Hospital pattern	0	2	0
01137	**Inflator,** Dundas Grant's, for self use (for illustration, see No. 01155)	0	1	0

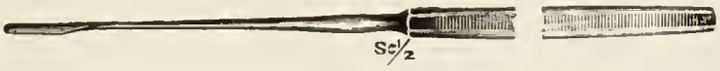


01138

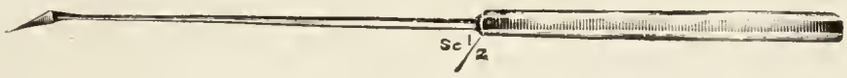


01139

01138	**Insufflator,** for menthol or chloroform vapour, used in conjunction with a Politzer's bag, as recommended by Jobson Horne ..	0	3	0
	(*For other Insufflators, see pages* 626 *and* 627.)			
01139	**Intra-tympanic Irrigator,** Milligan's, with india-rubber tubing ..	0	9	0

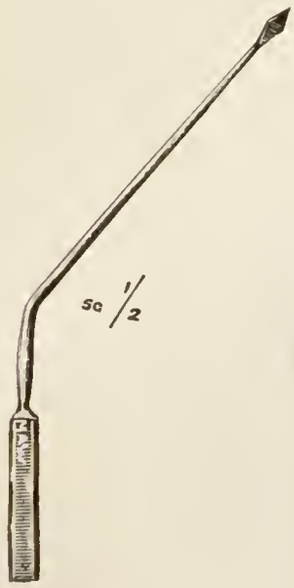


01140

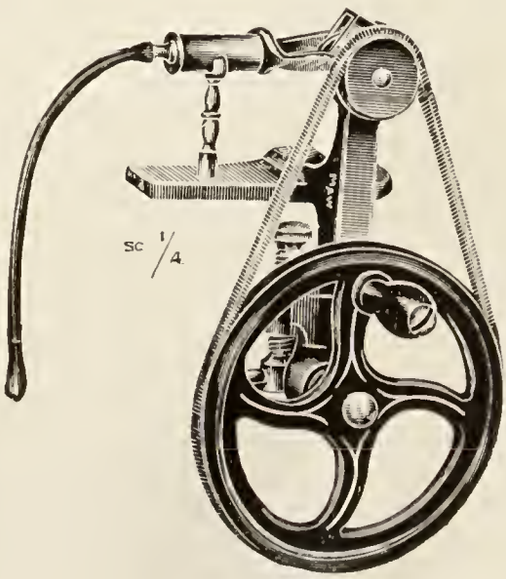


01142

	Knives or Myringotomes, in metal handles, for Incision of Drum—			
01140	Lake's blunt-pointed	0	5	0
01141	Do. sharp-pointed	0	5	0
01142	Prout's	0	4	6



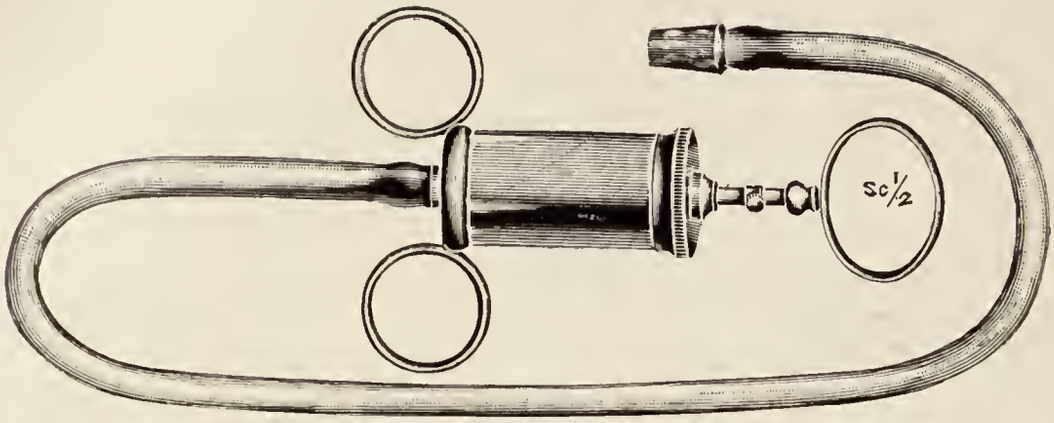
01143



01144

01143	Politzer's, angular	0	5	3
01144	**Masseur,** with hand motor to attach to table	1	17	6

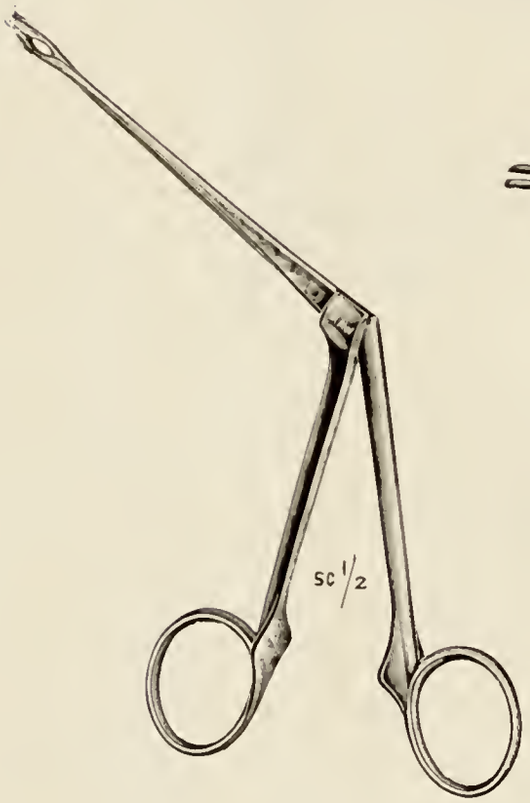
Ear Instruments—Contd.—



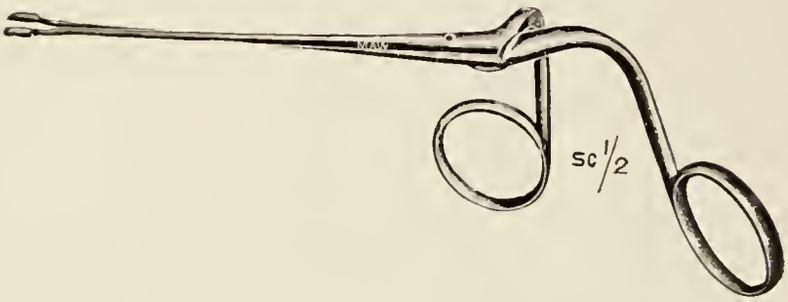
01145

No.		£	s.	d.
01145	**Masseur, Delstanche's**	0	5	0

Masseurs are recommended for chronic non-suppurative diseases of the nose and middle ear. The piston thrust must not exceed ½ in.

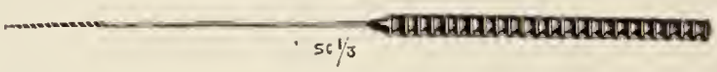


01146



01147

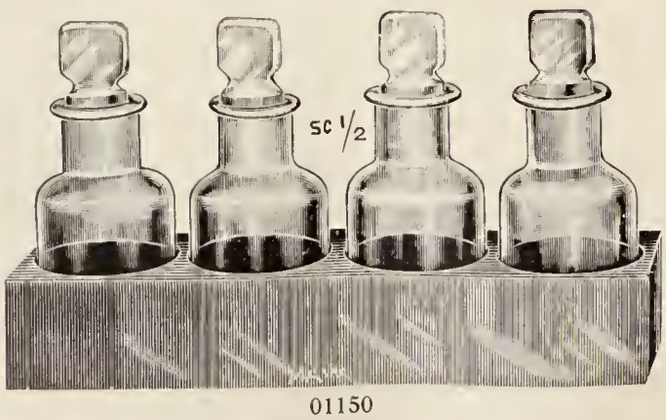
01148



01149

Paracussis Instruments, Charles Heath's—

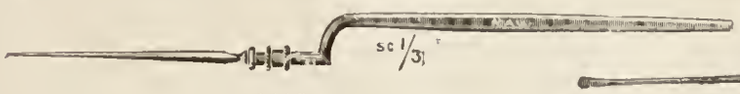
01146	Forceps, single curved	0	13	6
01147	Do. double curved, with handle bent out of the line of sight	0	11	6
01148	Do. with probe for applying cotton wicks	0	6	0
01149	Probe for making cotton wool mops	0	2	6



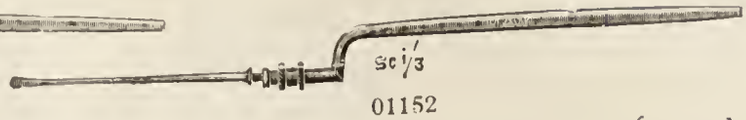
01150

01150	Gun-Metal Stand with four stoppered bottles	0	10	0

Ear Instruments—Contd.—



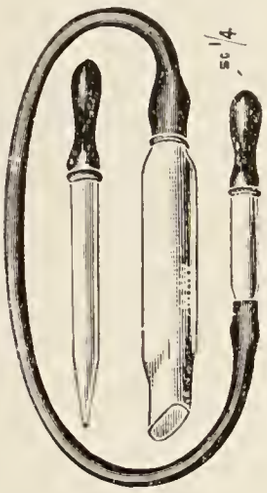
01151



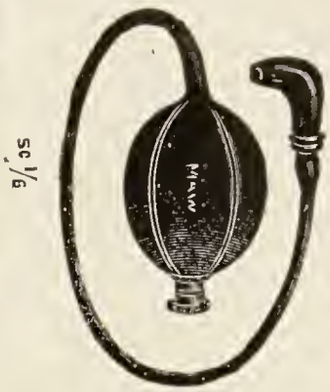
01152

No.		£	s.	d.
	Paracussis Instruments, Charles Heath's—**Contd.**—			
01151	Scraper for removing granulations	0	6	0
01152	Spud ditto, ditto	0	6	0

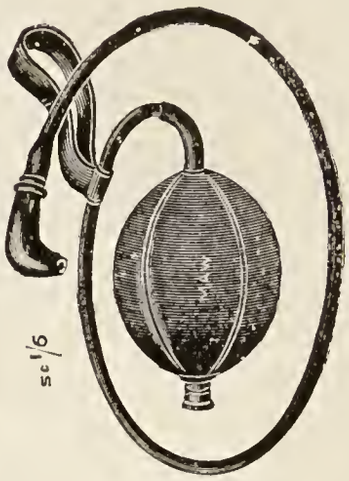
01153



01155



01156



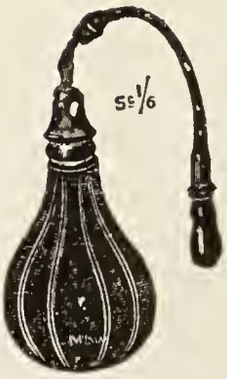
01157

Politzerisers, etc.—

01153	Allen's, with double nasal pad	0	6	8
01154	Cumberbatch's	0	5	0
01155	Dundas Grant's, for self use	0	1	0
01156	Gardiner Browne's, with india-rubber nose plug	0	4	6
01157	Mark Hovell's, 10 oz., with long tube	0	6	9

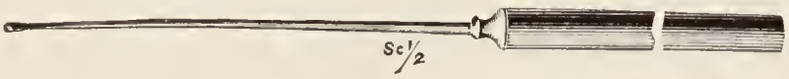
01158

01159

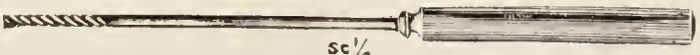


01160

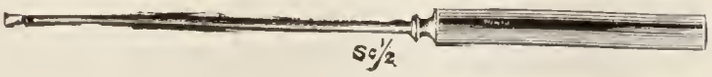
01158	Lennox Browne's	0	4	6
01159	Politzer's, with vulcanite Eustachian catheter and rubber tube	0	5	9
01160	Politzer's, with india-rubber nose teat, for self use	0	5	0



01161



01163

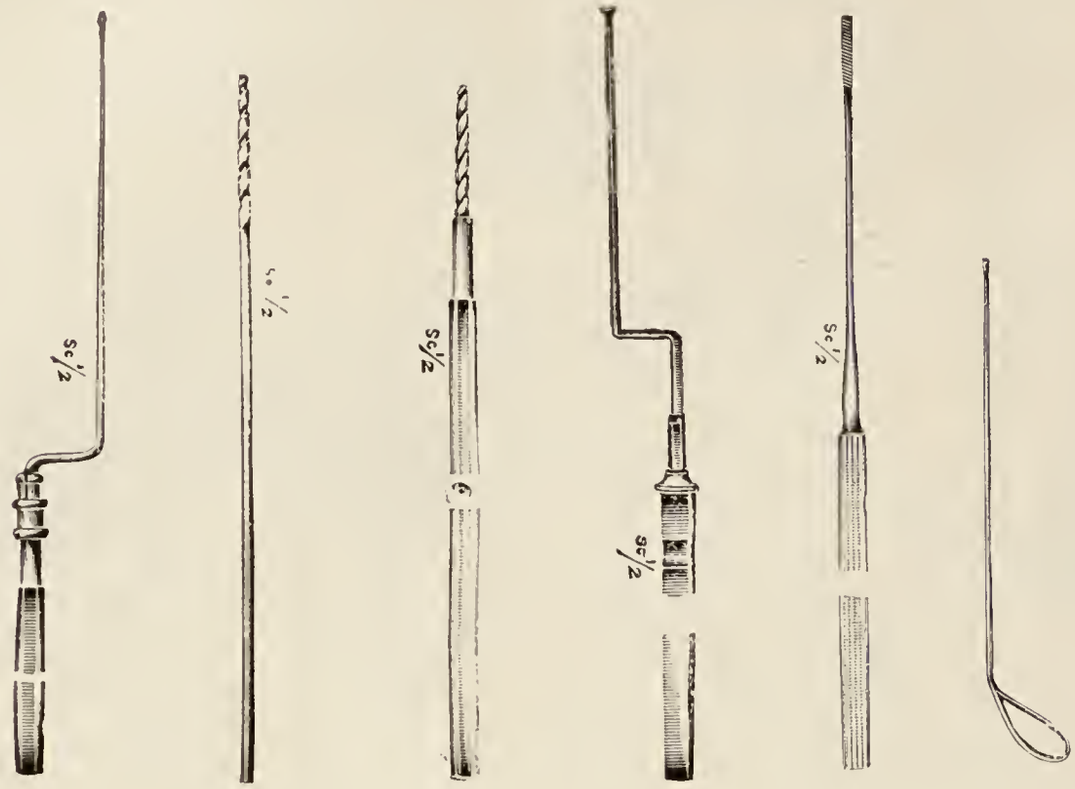


01164

Probes—

01161	Heath s (Charles), silver, with cylindrical metal handle.. ..	0	3	0
01162	Do. do., plated, flexible, with cylindrical metal handle	0	2	6
01163	Do. do., with screw end for wool 5, 7 and 8 in. ..each	0	2	0
01164	Do. do., with cork-screw end	0	3	0

Ear Instruments—Contd.—

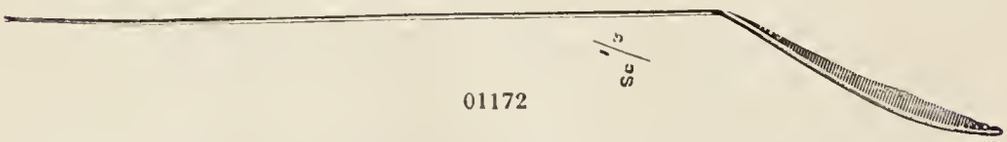


01165 01166 01167 01168 01169 01170

No.	Probes—Contd.—	£	s.	d.
01165	Heath's (Charles), crank bent, flexible	0	3	6
01166	Longfield's, with spiral end	0	1	6
01167	Do. do., with fluted handle	0	2	0
01168	Lucae's, with spring in handle	0	7	6
01169	Pinion handle, with serrated end for wool	0	1	6
01170	Silver, with loop handle	0	1	6

01171

01171	Pegler's, crank-bent	0	3	9



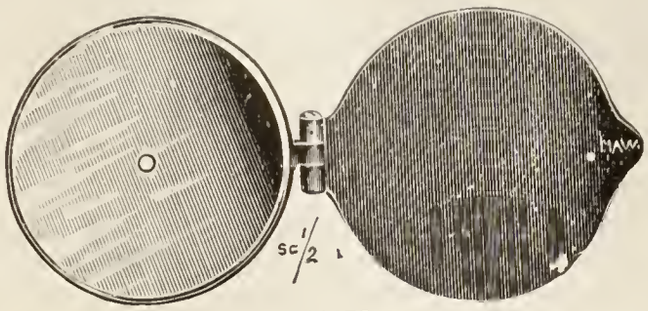
01172

01172	Soft copper, plated, with bent handle, Jobson Horne's	0	2	6

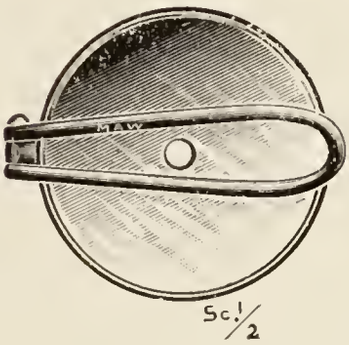
01173

01173	Whalebone, with screw end, for application of dressings ..	0	1	0
01174	Wool Applicators, wood in boxes of 100, with holder .. per box	0	2	6

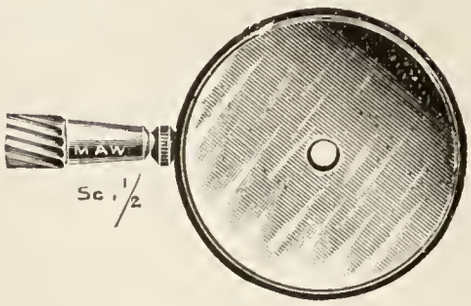
Ear Instruments—Contd.—



01175

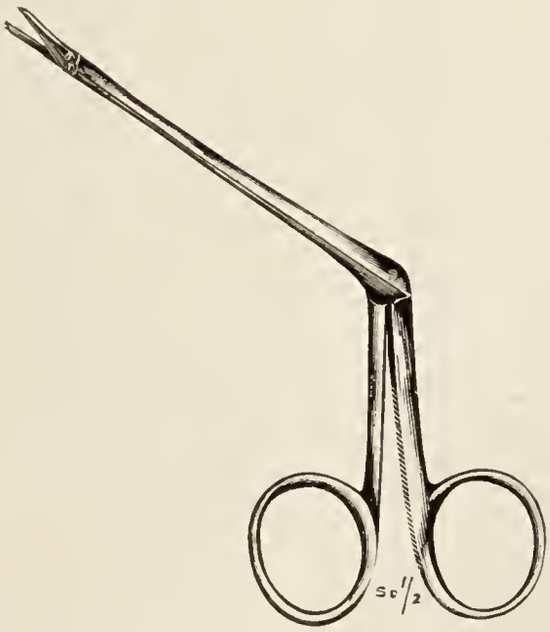


01176

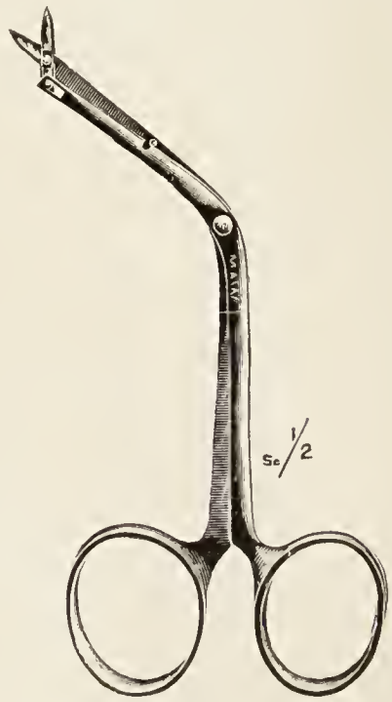


01178

No.	Reflecting Mirrors—	£	s.	d.
01175	With folding flap, for pocket use	0	5	0
01176	With folding wire handle	0	5	6
01177	With head band and handle in addition, diameter 3½ in. ..	0	10	6
01178	With fluted handle	0	4	6



01179



01180

Scissors—

01179	"Crocodile," long, angular	0	12	6
01180	Do. curved	0	10	6

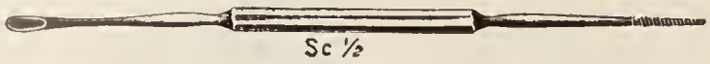
Sc 1/3 01181

01182

Scoops (see also **Curettes**, page 114)—

01181	Fenestrated, with pinion wire handle	0	4	0
01182	With wool-holder	0	3	0

Ear Instruments—Contd.—



01183

Scoops—Contd.—

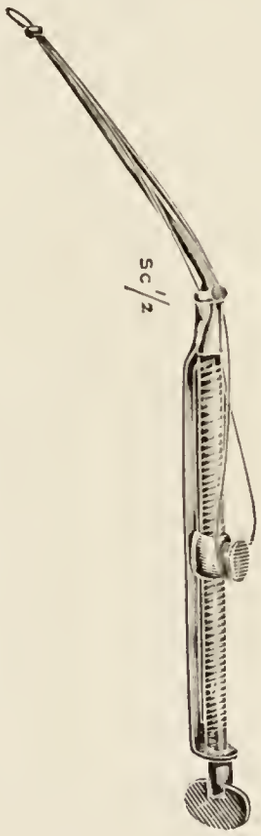
No.		£	s.	d.
01183	With wool-holder	0	3	0

01184

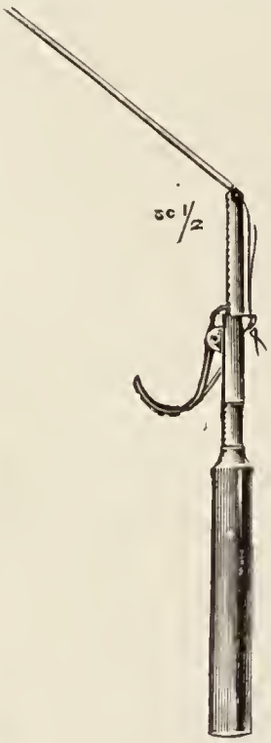
01185

01184	With cork-screw	0	5	0
01185	With rectangular hook	0	5	0

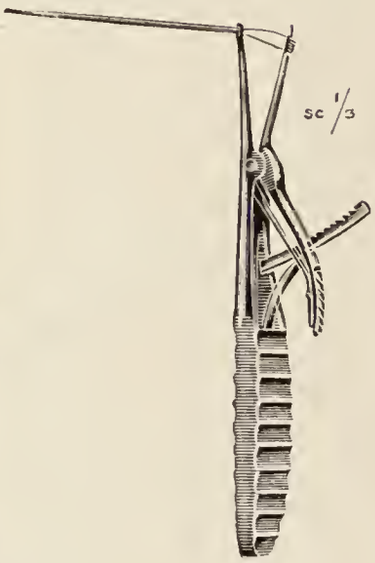
01186



01187



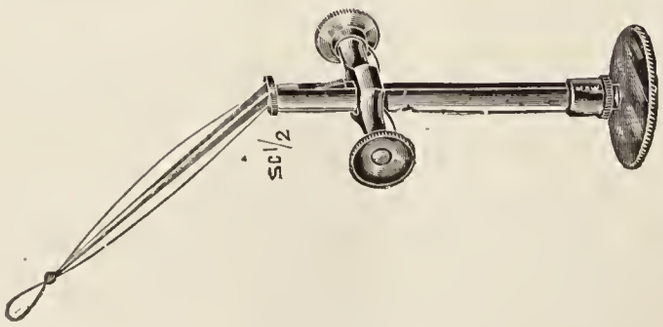
01188



01189

Snares, with metal handles—

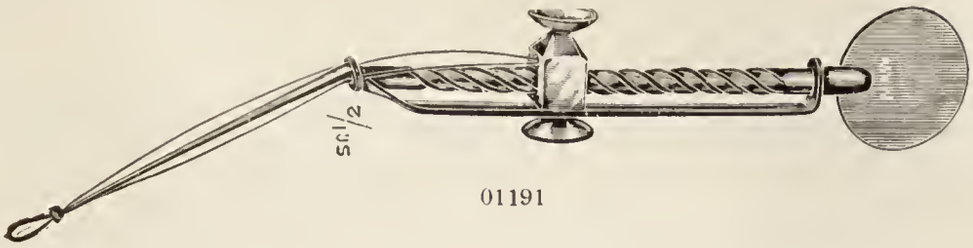
01186	Baber's	0	9	6
01187	Cumberbatch's	0	18	6
01188	Heath's (Charles)	1	0	0
01189	Keen's	0	13	6



01190

01190	Scott's, for silkworm gut	1	7	6

Ear Instruments—Contd.—

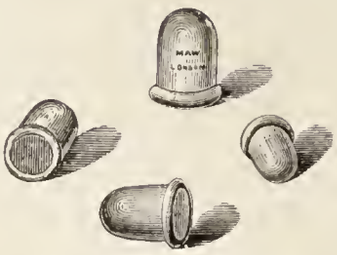


01191

No.	**Snares,** with metal handles—**Contd.**—	£	s.	d.
01191	West's, with quick-running screw	0	19	6

(*For other Snares, see pages* 155 *to* 157.)

01192

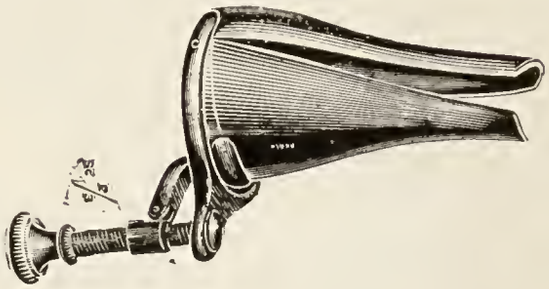


01193

Sound Deadeners—

01192	Macnaughton Jones's, celluloid, 4 sizes .. .. per doz.	0	8	6
01193	Ward Cousins's india-rubber, 4 sizes, per doz., 5/6, 5/-, 4/6 and	0	3	6

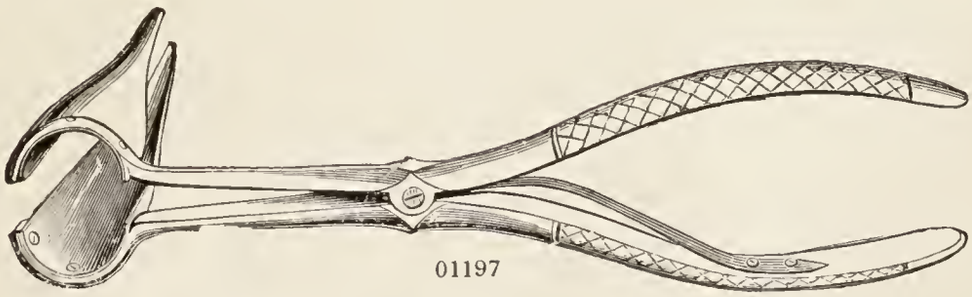
01194



01196

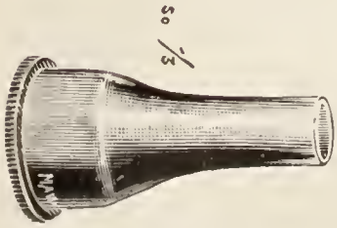
Specula, Dilating—

01194	Avery's	0	7	6
01195	Stewart's, with spring	0	7	0
01196	Woakes's	0	7	6

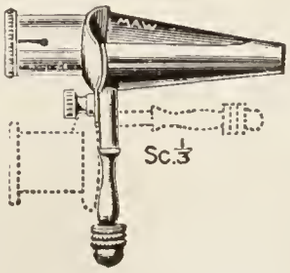


01197

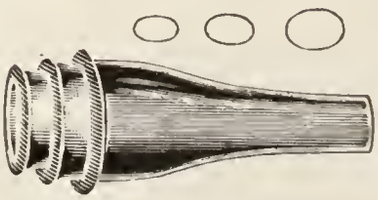
01197	Kramer's, with fluted handles	0	8	6



01198



01200

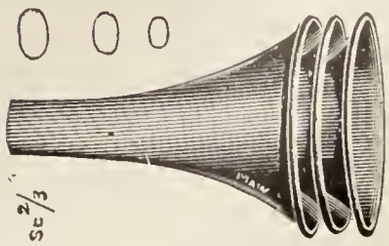


01201

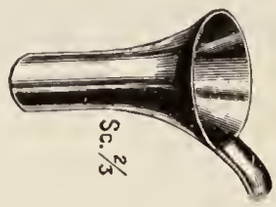
Specula, Tubular—

01198	Ballance's, plated	0	4	6
01199	Cumberbatch's, set of 3, plated	0	8	6
01200	Griffith's, for operating, fitted with lens and folding handle—a modified form of Brunton's otoscope..	0	11	6
01201	Gruber's, set of 3	0	7	0

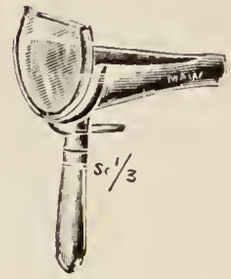
Ear Instruments—Contd.—



01202

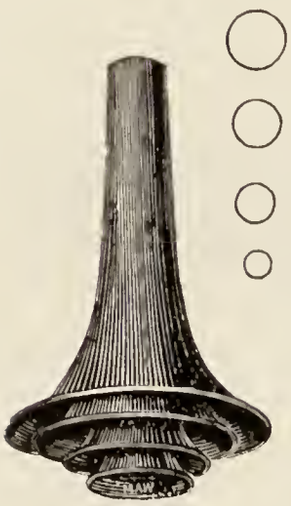


01204



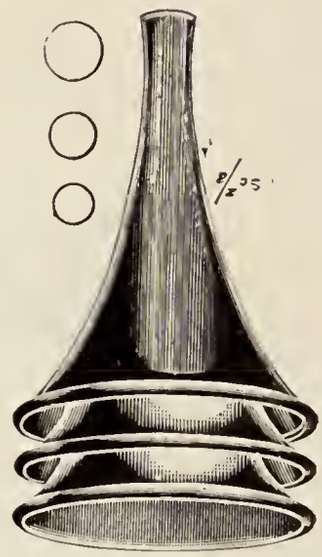
01205

No.	Specula, Tubular—Contd.—	£	s.	d.
01202	Heath's (Charles), set of 3	0	10	6
01203	Do. do., set of 4, silver with oxidized interiors ..	1	4	0
01204	Lake's, for operating, silver	0	4	6
01205	Maw's, with lens, for operating, 3 sizes .. .. .. each	0	10	0



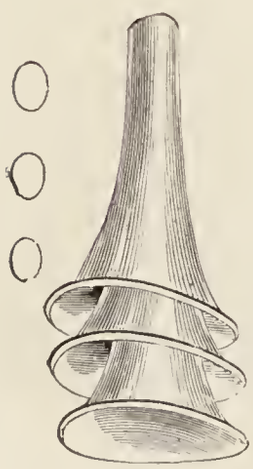
01206

01207

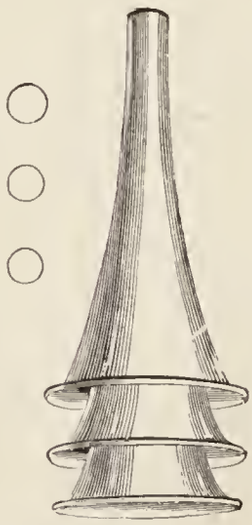


01208

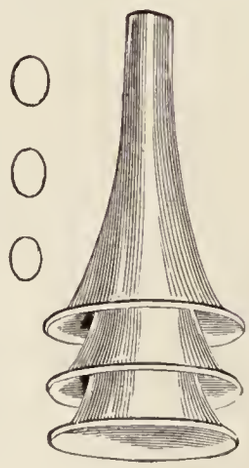
01206	Politzer's, vulcanite, set of 4	0	2	0
01207	Pritchard's, silver, for operating, one size only	0	8	6
01208	Do. for examination, set of 3	0	12	0



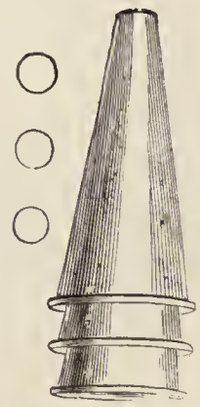
01209



01210



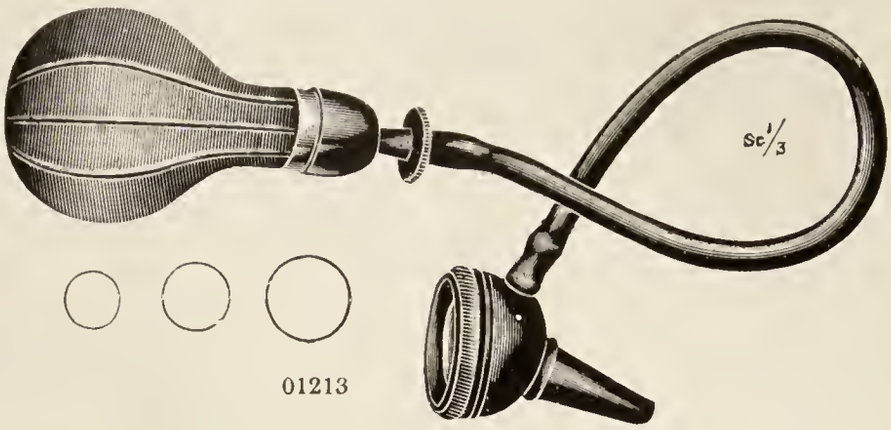
01211



01212

01209	Toynbee's, set of 3	0	8	6
01210	Turner's, set of 3	0	8	6
01211	Yearsley's, set of 3	0	8	6
01212	Wylde's, set of 3	0	7	0

Ear Instruments—Contd.—



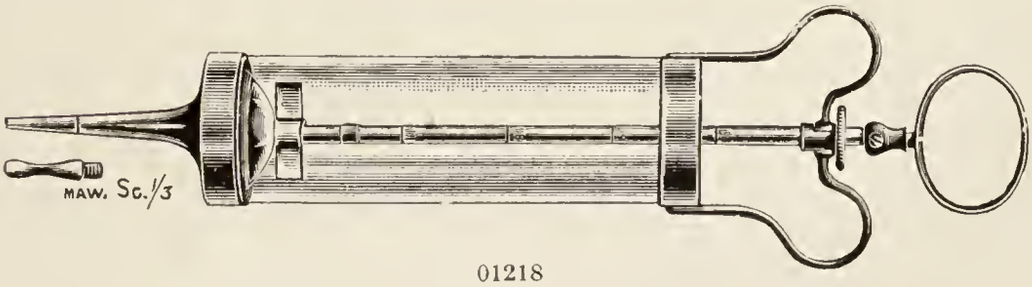
01213

No.	Speculum, Pneumatic—	£	s.	d.
01213	Siegle's, for testing the mobility of the tympanic membrane ..	0	15	0
01214	Peter's improved do., do., set of 4 (metal) with lens	1	2	6

01216

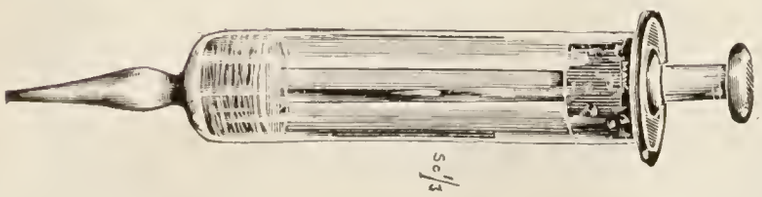
Syringes—

01215	Brass, with 3 rings and leather piston 1 oz., **6/6**; 2 oz., **7/-**; 3 oz., **8/6**; 4 oz.	0	9	0
01216	Nickel-plated, do., with solid metal piston 1 oz., **6/-**; 2 oz., **6/6**; 3 oz., **7/6**; 4 oz.	0	8	6
01217	Do., do.. with expansion rings fitted to plunger 1 oz., **7/6**; 2 oz., **8/6**; 3 oz., **10/6**; 4 oz.	0	11	6

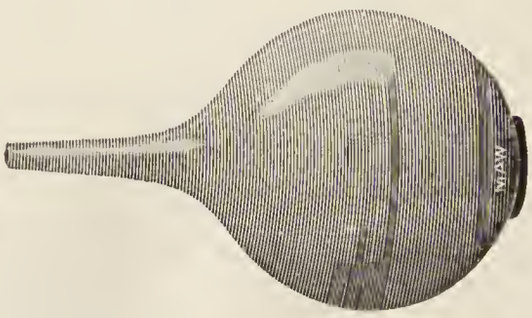


01218

01218	Janet's, with nickel-plated skeleton frame, and india-rubber piston, 3 sizes .. .. each, 1 oz., **6/6**; 2 oz., **7/6**; 4 oz.	0	8	6
01219	Do., all metal, 4 oz.	0	9	0



01220



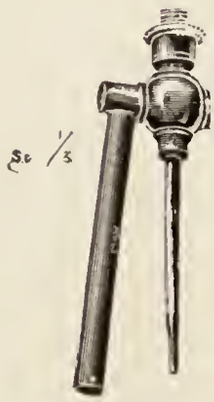
01221

01220	Heath's, glass, for use with one hand .. .. per doz.	0	10	0
01221	India-rubber, with fine point, moulded .. 1 oz., 9d.; 2 oz.	0	1	0

Ear Instruments—Contd.—

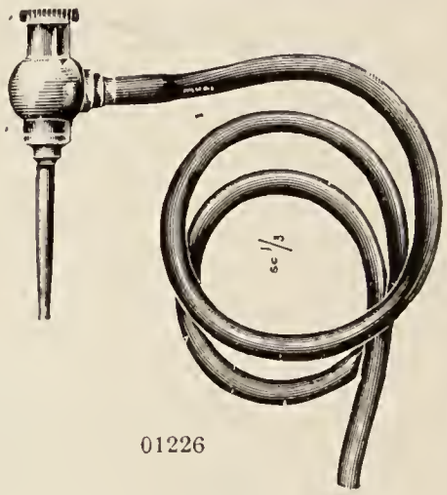
01222

No.	**Syringes—Contd.—**	£	s.	d.
01222	Wingrave's, india-rubber, with glass pipe and india-rubber nozzle	0	3	6
01223	Do. do., with nickel-plated Toynbee's pipe ..	0	4	0



01224

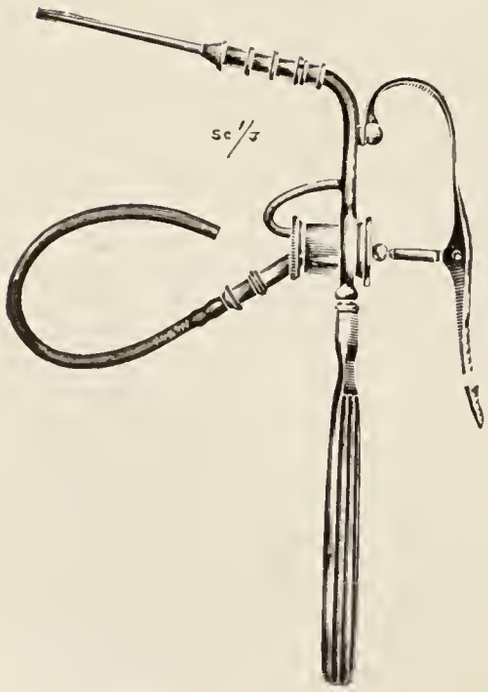
01225



01226

Syringe Pipes—

01224	Heath's (Charles), with branch tap .. brass, 5/9; nickel-plated	0	6	3
01225	Do. do., nickel-plated, for attachment to ordinary Higginson's syringe..	0	1	3
01226	Valved, with side branch .. .. brass, 5/3; nickel-plated	0	6	0

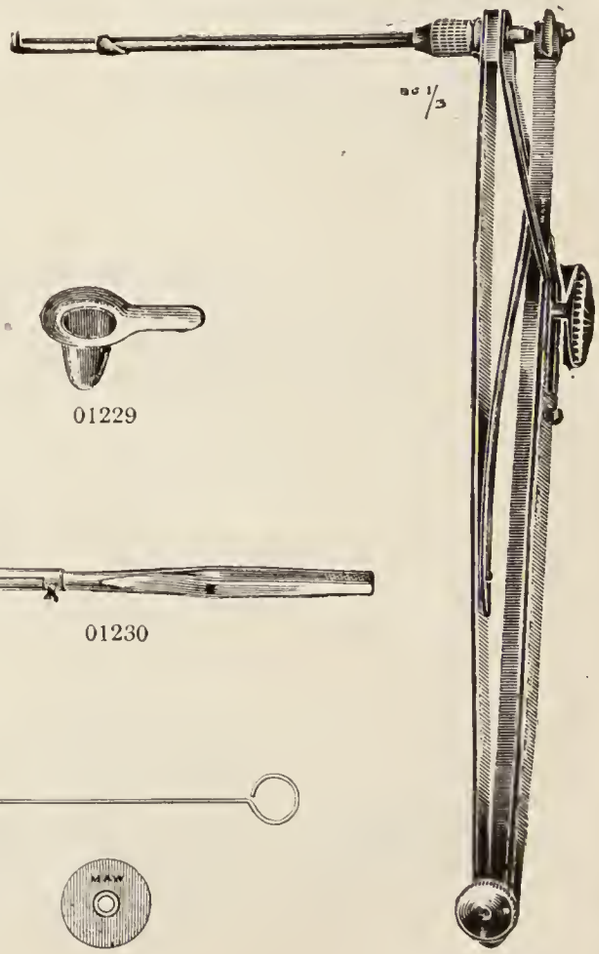


01228

01229

01230

01231



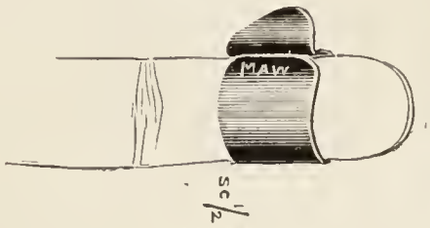
01233

Syringes, Intra-tympanic—

01227	Blake's, with two pipes in case	0	16	0
01228	Delstanche's	.. ..	2	0	0

Ear Instruments—Contd.—

No.		£	s.	d.
	Tympana, Artificial—			
01229	Cousins's, paper .. .. per box of 3 doz.	0	2	0
01230	Probe-forceps, for introducing Cousins's tympana	0	1	0
01231	Toynbee's, india-rubber .. .. per doz.	0	9	0
01232	Yearsley's, wool .. .. per box of 1 doz.	0	1	0
01233	**Tympanic Punch,** Heath's (Charles), for enlarging the opening in the tympanic membrane	2	5	0



01234

01234	**Tragus Retractor** (Baber's), for use on middle finger	0	2	6

01235

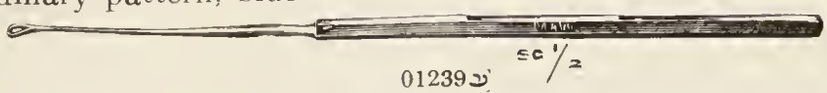
01236

01237

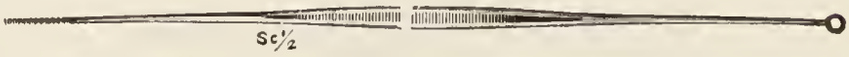
01238

Tuning Forks—

01235	Blake's, with spring hammer..		0	19	0
01236	Gardiner Browne's, in 4 octaves, C1, C2, C3, or C4 ..	each	0	7	0
01237	Politzer's, C		0	10	6
01238	Ordinary pattern, blue steel..		0	1	0



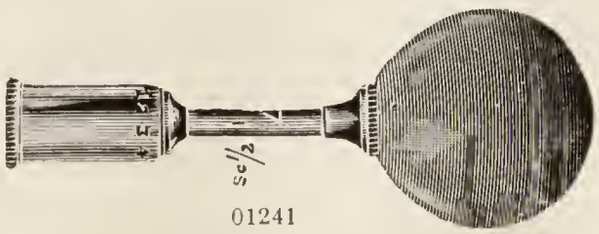
01239



01240

Wax Extractors—

01239	Hovell's..	0	5	6
01240	Jobson Horne's, with wool holder	0	3	6

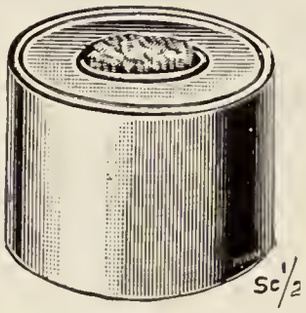


01241

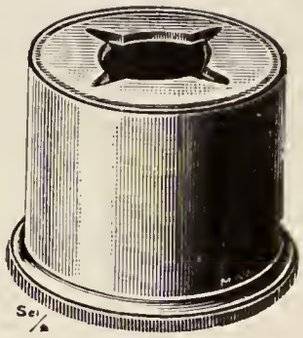
01241	**Whistle,** Galton's	0	10	0

Ear Instruments—Contd.—

01242

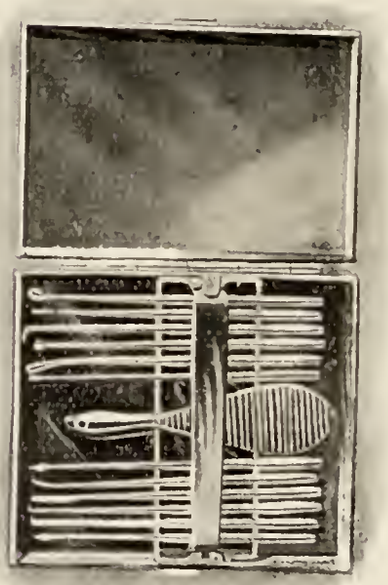


01243

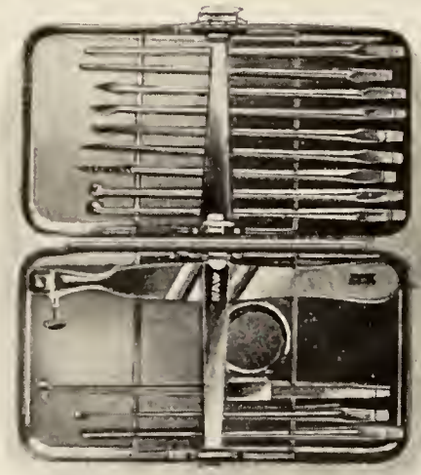


01244

No.		£	s.	d.
01242	**Wells,** Heath's (Charles), constructed of stout glass, for standing probes in cocaine, etc.	0	1	6
	Wool Boxes—			
01243	For clean wool, with spring bottom	0	3	3
01244	For used wool	0	3	3



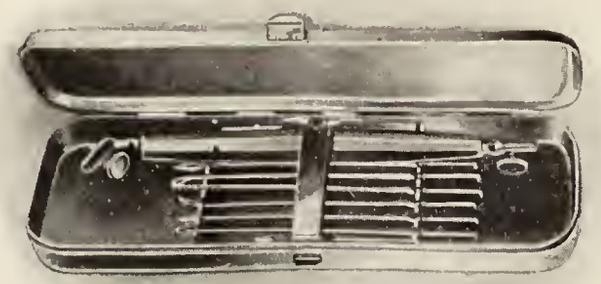
01245



01246

Sets of Ear Instruments—

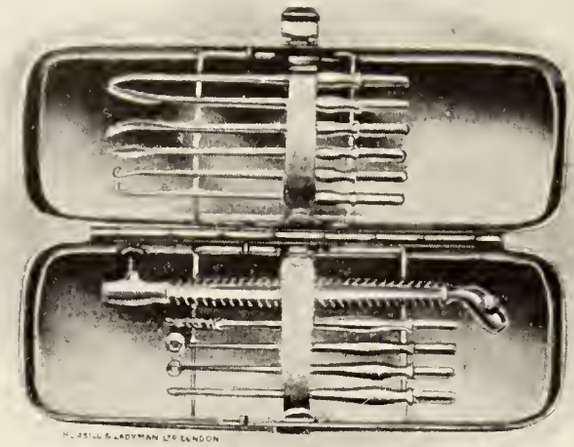
01245	Burkhardt-Merian's, consisting of 12 instruments fitting one handle, in aseptic metal case	1	10	0
01246	Gruber's set of 12 instruments, including snare, all fitting one handle, in aseptic metal case	2	17	6



01247

01247	Hartman's set of 6 instruments, fitting one handle, in aseptic metal case	1	10	0

Ear Instruments—Contd.—

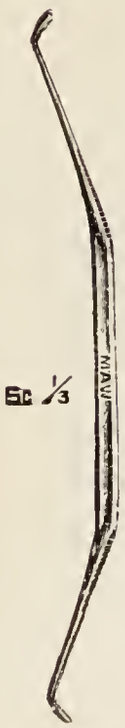


01248

Sets of Ear Instruments—Contd.—

No.		£	s.	d.
01248	Politzer's set of 10 instruments, fitting one handle, in aseptic metal case	2	7	6

MASTOID INSTRUMENTS.



01249

01250

01251

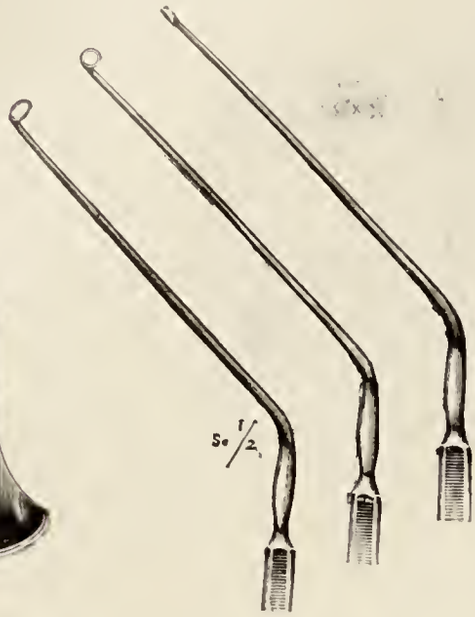
01252

Antral Guides, with metal handles—

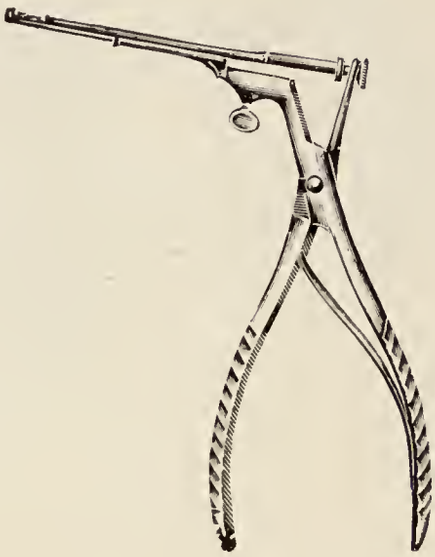
01249	Heath's (Charles)	0	5	6
01250	Lake's	0	4	6
01251	Staecke's	0	3	6
01252	**Antral Probe,** Dundas Grant's	0	4	0
01253	Do. do., double ended for localising the Antrum, Charles Heath's, 4 curves .. .. each	0	6	6

Mastoid Instruments—Contd.—

01254



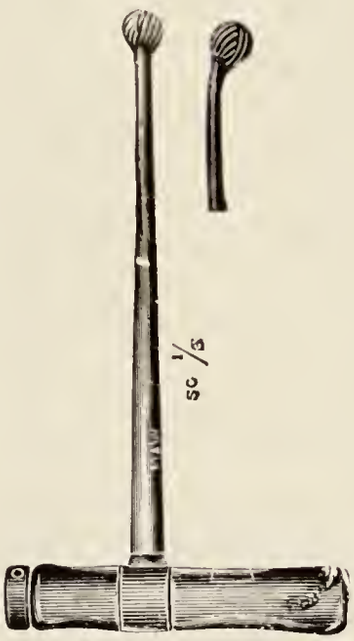
01255



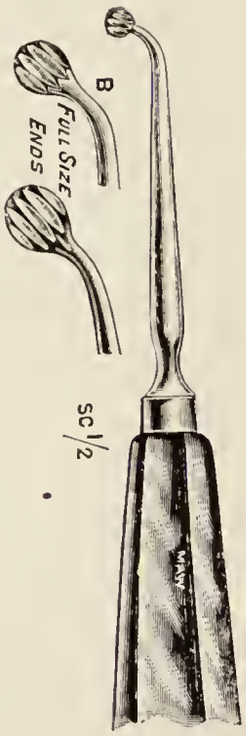
01256

No.		£	s.	d.
01254	**Antral Speculum,** Heath's	0	9	0
01255	**Attic Curettes,** Lake's, set of 3	0	18	0
01256	**Attic Sliding Punch or Osteotome,** Krause's, as recommended by Lake	1	7	6

01257



01258



01259

Burs—

01257	In metal handle, 2 sizes, $\frac{1}{4}$-in. and $\frac{3}{8}$-in. .. .. .. each	0	4	0
01258	Heath's, with cross-handle, 4 sizes, each straight and curved, fitting one handle .. .. per set	3	18	6
	A half set of the above burs can be supplied for **42/-**.			
01259	Tilley's, 2 sizes .. .. each	0	5	6

01260

Chisels, solid forged—

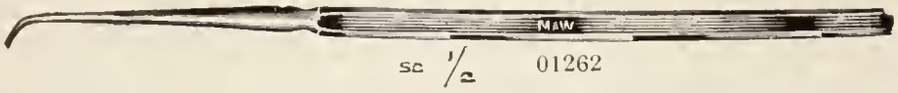
01260	Fluted, with rounded head, 3 sizes, $\frac{1}{4}$-in., $\frac{3}{16}$-in. and $\frac{1}{8}$-in. each	0	4	6

Mastoid Instruments—Contd.—

01261

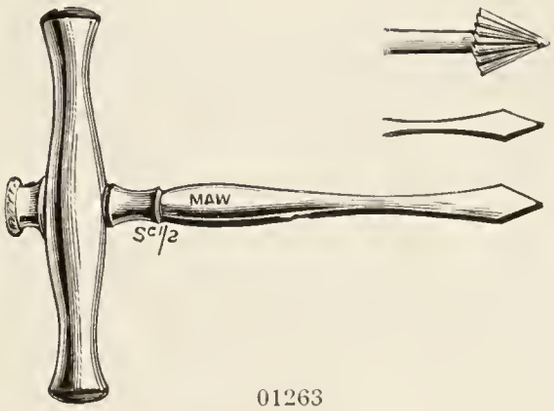
Chisels, solid forged—**Contd.—**

No.		£	s.	d.
01261	Plain, with square head, 3 sizes, $\frac{5}{16}$-in., $\frac{1}{4}$-in. and $\frac{3}{16}$-in. each	0	3	0



01262

01262	Macewen's	0	2	6

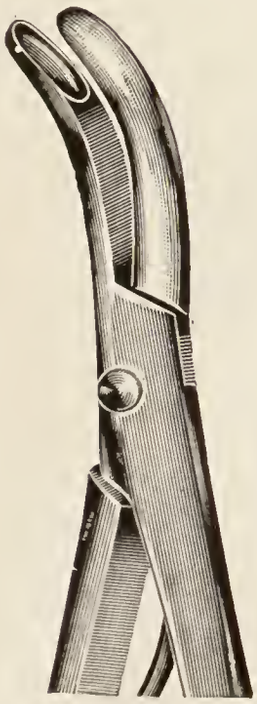


01263

01263	**Drills,** Buck's, set of 3 (including rose-head), with cross-handle ..	0	17	6

01264

01264	**Elevator for Skin Flaps,** Charles Heath's	0	6	0



01265

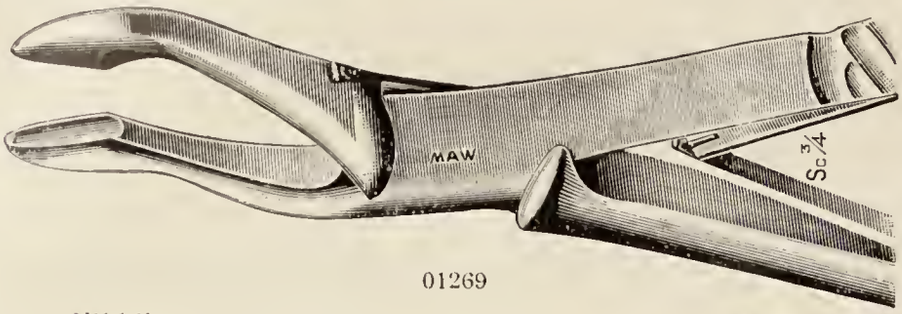
01266

01267

Forceps, Nibbling—

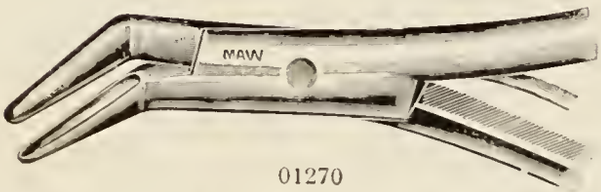
01265	Hartman's	0	9	0
01266	Heath's (Charles)	0	12	6
01267	Jansen's	0	12	6
01268	McKeown's, angular	0	9	0

Mastoid Instruments—Contd.—

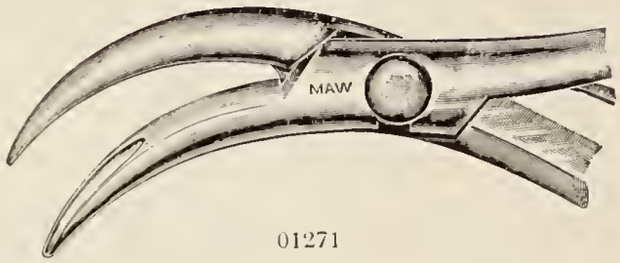


01269

No.	**Forceps, Nibbling—**	£ s. d.
01269	Jansen's, with crank bend	0 14 0



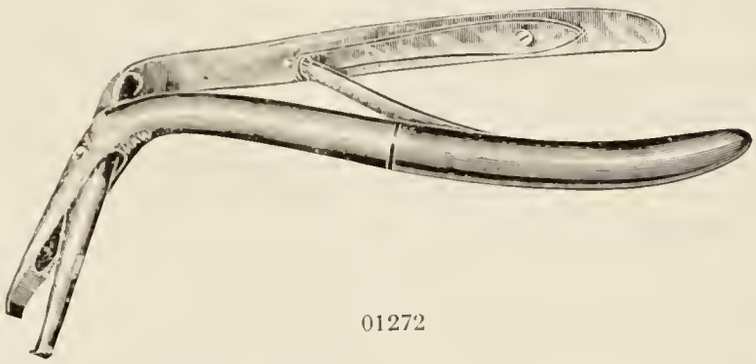
01270



01271

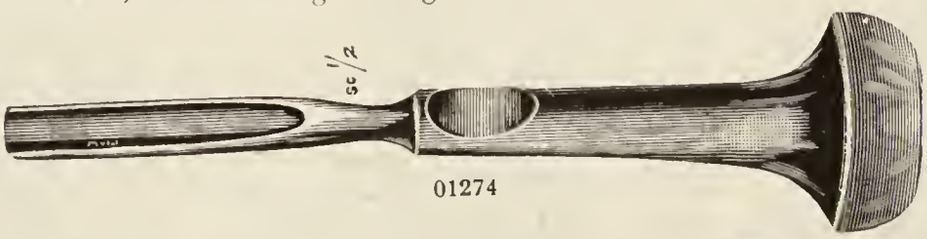
01270	McKeown's with fine jaws	0 9 0
01271	Do. do., curved	0 9 0

These forceps are used for cutting away the small layer of bone which bridges over the aditus between the antrum and middle ear.

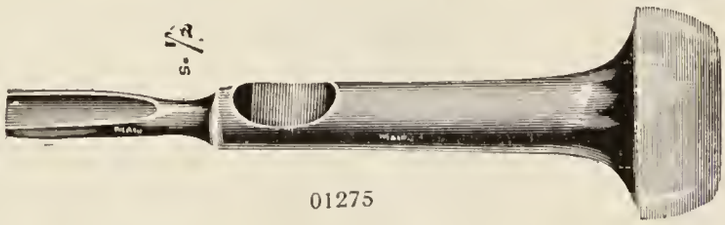


01272

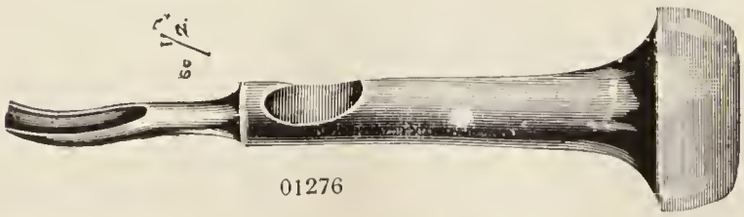
01272	**Forceps, Avulsion,** Heath's (Charles)	0 18 9
01273	**Gold Leaves,** for covering skin grafts .. .. each	0 1 6



01274



01275



01276

Gouges—

01274	Ballance's, with large head, long	0 6 0
01275	Do. do., short	0 6 0
01276	Do. do., curved	0 6 0

Mastoid Instruments—Contd.—

01277

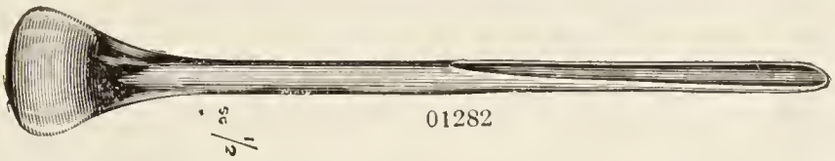
No.	**Gouges—Contd.—**	£	s.	d.
01277	Ballance's, straight, with small head, for use with mallet, 3 sizes each	0	5	0

01278

01278	Heath's (Charles), with fluted handles, 4 sizes, 3 m/m., 5 m/m., 7 m/m., 8 m/m., each	0	5	0
01279	Do. do. do., square end, 7 m/m. ..	0	5	0

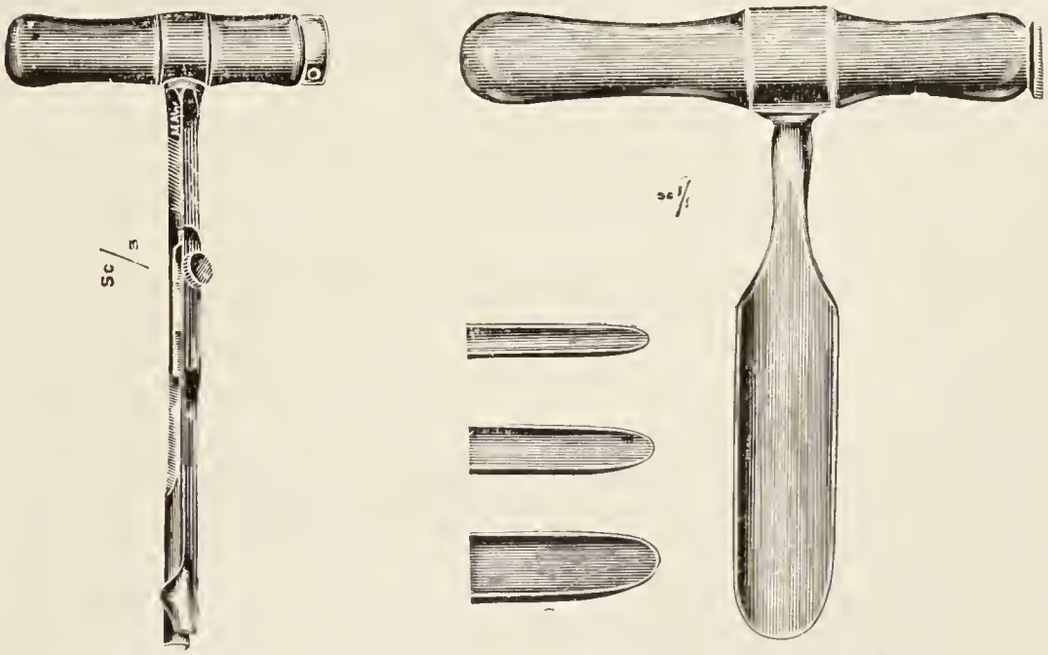
01280 sc 1/2

01280	Heath's, with deep grooved handle	0	12	6
01281	Do. do. do., set of six	3	10	0



01282

01282	Horsley's, with rounded head	0	6	0



01283 01284

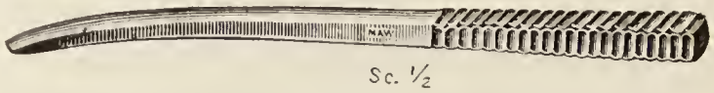
01283	Heath's (Charles), for softened bone with adjustable guard and German silver handle	1	2	0
01284	Lake's, set of 4 fitting one handle..	0	16	0

01285

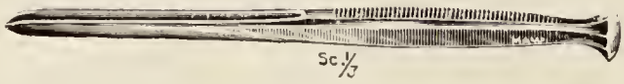
01286

01285	Square shaft and flat head, 4 sizes	0	3	0
01286	Fluted shaft and rounded head, 4 sizes	0	4	6

Mastoid Instruments—Contd.—



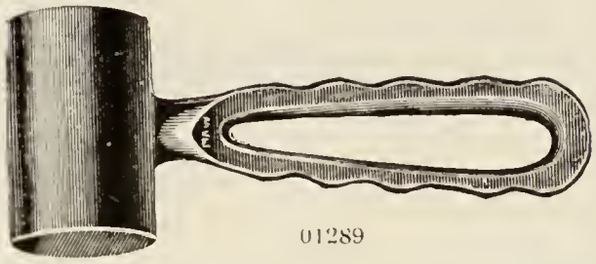
01287



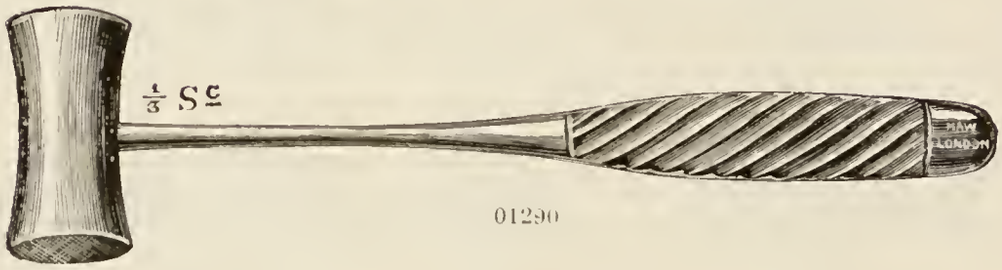
01288

Gouges—Contd.—

No.		£	s.	d.
01287	Staecke's, curved, 3 sizes	0	3	6
01288	Waring's	0	4	0



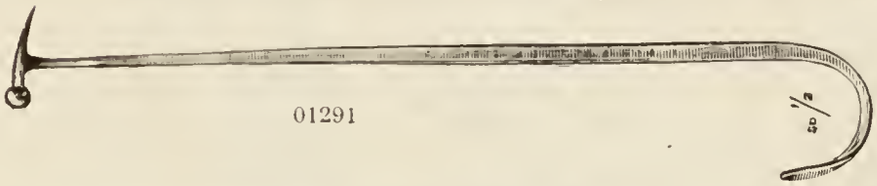
01289



01290

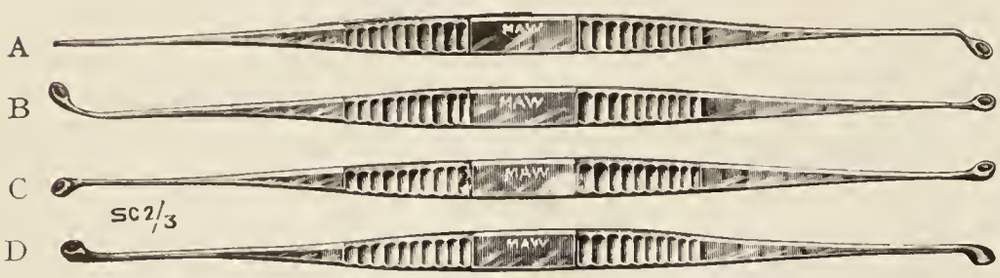
Hammers-

01289	Heath's (Charles), solid copper, silver-plated	0	14	0
01290	Steel, with fluted handle, nickel-plated, 2 sizes .. each, 7/6 and	0	10	6

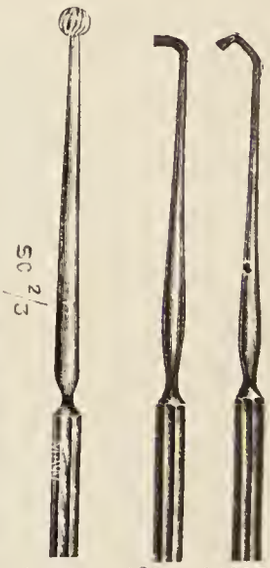


01291

01292



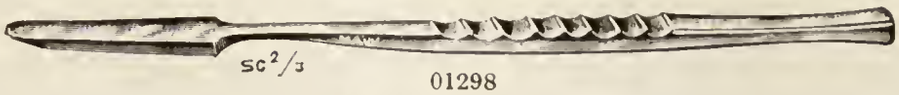
01296



01293 01294 01295

01291	**Hook and Chipper,** Buck's	0	6	0
01292	**Knife for cutting the Flap,** Charles Heath's	0	4	6
	Labyrinthine Instruments, West's and Scott's—			
01293	Burr, small	0	2	0
01294	Curette, ampullary, superior	0	2	0
01295	Do. do., inferior	0	2	0
01296	Curettes, vestibular, A, B, C, D .. .. .. set of 4	1	7	0
01297	Do. do' do .. .. each	0	6	9

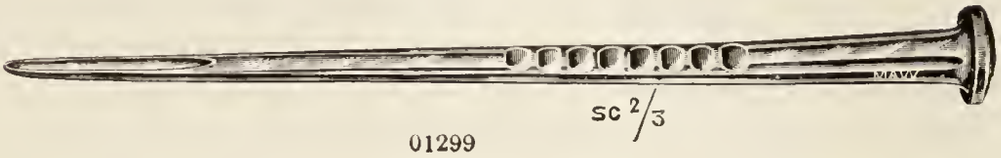
Mastoid Instruments—Contd.—



01298

Labyrinthine Instruments, West's & Scott's—**Contd.—**

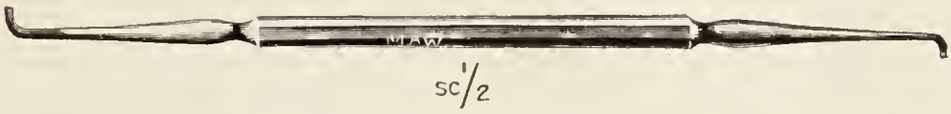
No.		£	s.	d.
01298	Chisel for opening vestibule below the Facial nerve	0	4	6



01299

01299	Gouge for opening vestibule above the Facial nerve	0	6	0

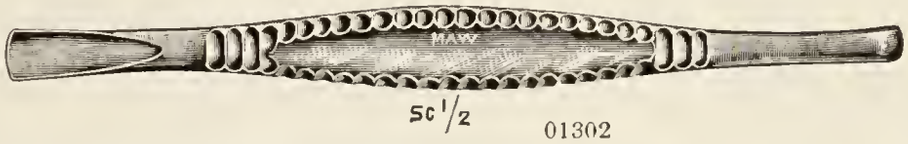
01300



01301

Ossicle Hook—

01300	Macewen's, solid forged	0	2	6
01301	Do. double-ended	0	3	6



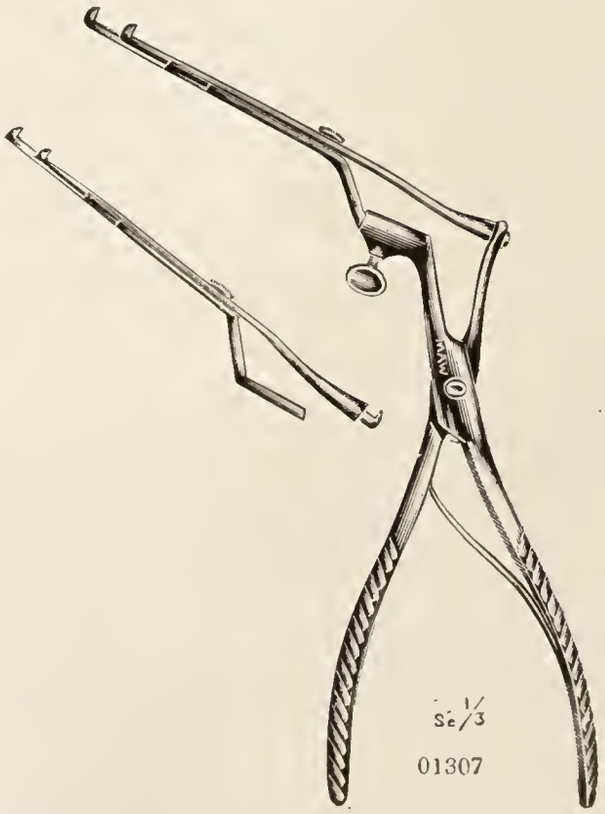
01302

01302	**Periosteal Elevator,** Charles Heath's	0	6	0

01303

01305

01304



01307

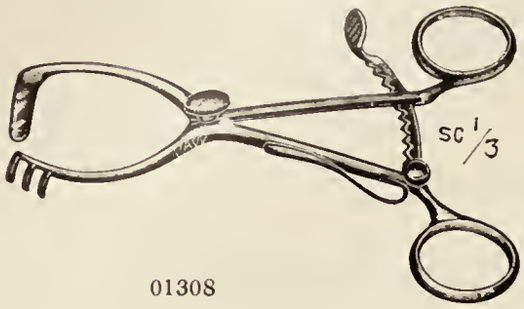
Probes—

01303	Heath's (Charles), with cylindrical handle, silver-plated	0	2	6
01304	West's & Scott's, steel, angular	0	3	6
01305	Do. do., do., right angle	0	3	6
01306	Do. do., straight	0	3	6

(*For other Probes, see pages* 121 *and* 122.)

01307	**Punch, Attic,** Pfau's, with two punchers	2	10	0

Mastoid Instruments—Contd.—



01308

01309

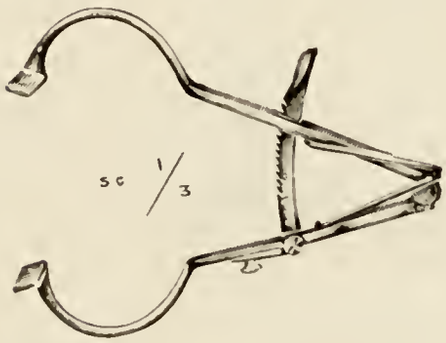
Retractors—

No.		£	s.	d.
01308	Dighton's, self-holding, right or left .. .. .. each	0	19	6
01309	Heath's (Charles), double-ended	0	7	9

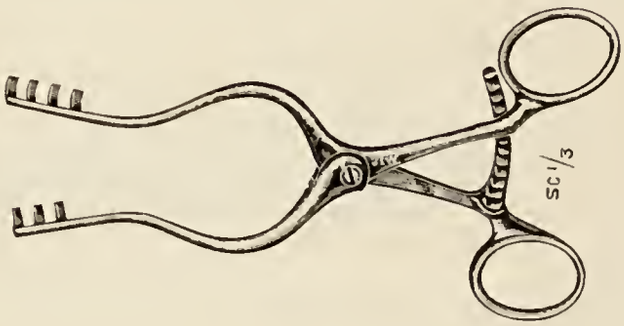
01310

01311

01310	Macewen's, solid forged	0	6	0
01311	Max Thorner's .. .. per pair	0	6	0



01312



01313

01312	Flemming's, self-holding	0	12	0
01313	West's and Scott's, self-holding	0	14	6

(*For other Retractors, see pages* 40 *to* 42.)

01314

01315

Scoops, solid forged—

01314	Ballance's, double, with fluted shaft	0	6	0
01315	Heath's (Charles), straight	0	7	6
01316	Do. do., rectangular	0	7	6

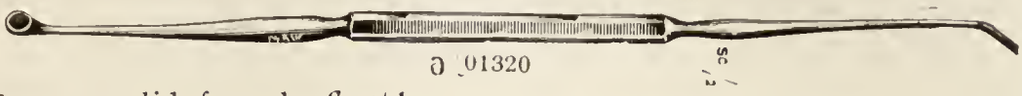
01317

01318

01319

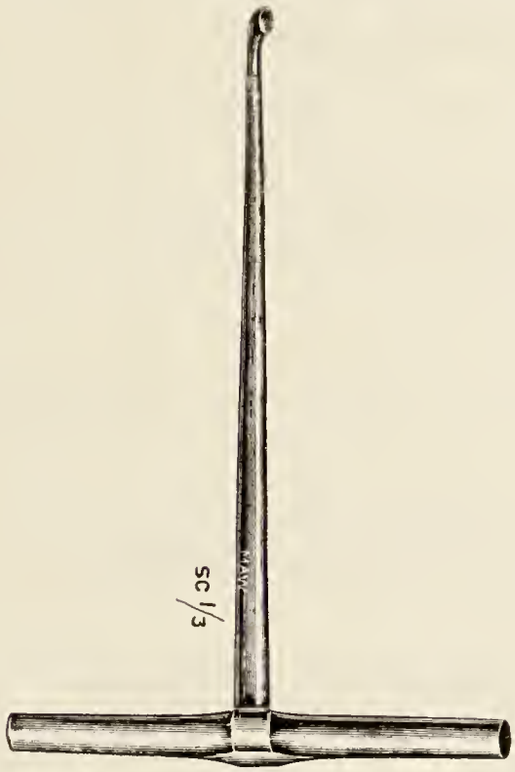
01317	Lake's, with probe	0	3	6
01318	Do. with seeker	0	3	6
01319	Do. with elevator	0	3	6

Mastoid Instruments—Contd.—



01320

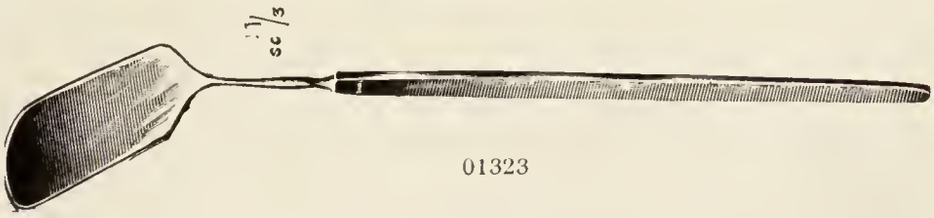
No.	**Scoops,** solid forged—**Contd.**—	£	s.	d.
01320	Macewen's, with seeker	0	6	0



01321

01322

01321	West's, with cross handle	0	9	0
	(*For other Scoops, see page* 45 *and* 46)			
01322	**Scissors,** Heath's (Charles), for removing sutures	0	3	6



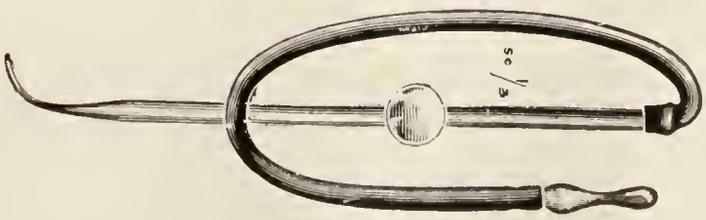
01323

Skin Grafting Instruments—

01323	Ballance's Lifter, 3 sizes, $1\frac{7}{8}$ in., $1\frac{5}{16}$ in. and $\frac{7}{16}$ in. ..	each	0	4	6

01324

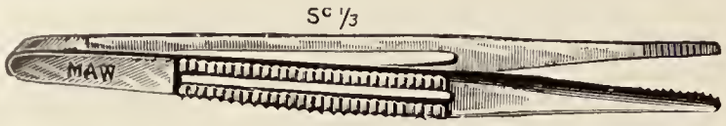
01324	Ballance's Plugger, 2 sizes	each	0	4	6
01325	Needles for straightening out the skin graft	,,	0	3	6



01326

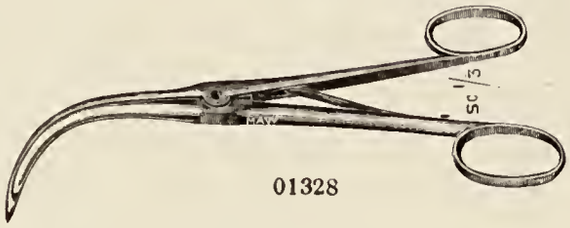
01326	Suction Tube for withdrawing blood and air from beneath the graft, in leather case	0	5	0

Mastoid Instruments—Contd.—



01327

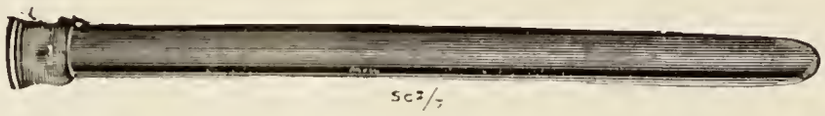
No.		£	s.	d.
01327	**Swab-holding Forceps,** Heath's (Charles), German silver	0	8	0



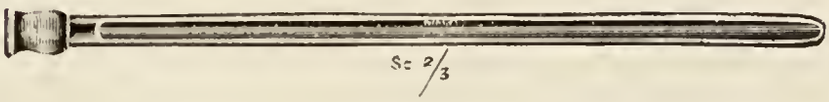
01328

01328	**Trocar,** expanding, West's, for exploration of brain	0	16	0

INSTRUMENTS FOR OPERATIONS ON THE NOSE AND NASO-PHARYNX.



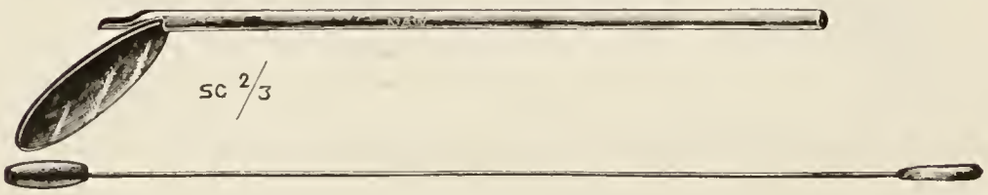
01329



01331

Bougies—

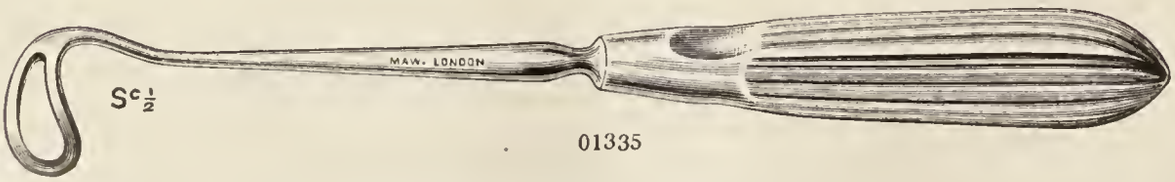
01329	Mackenzie's, oval, elastic gum, 6 sizes .. .. .. each	0	0	10
01330	Do. do., celluloid, 6 sizes .. .. .. ,,	0	1	0
01331	Stoker's, grooved, elastic gum, 6 sizes .. .. .. ,,	0	1	6
01332	Do. Macnaughton Jones's modification, lined with soft metal each	0	2	6



01333

01333	**Canula and Pledget Holder** for Sphenoidal Sinus, Kelson's	0	3	6
01334	**Caps,** red india-rubber, for protecting the hair during operations on the Naso-Pharynx, etc., 3 sizes .. .. .. each	0	1	4

Cauteries, galvanic (see pages 509 to 513).

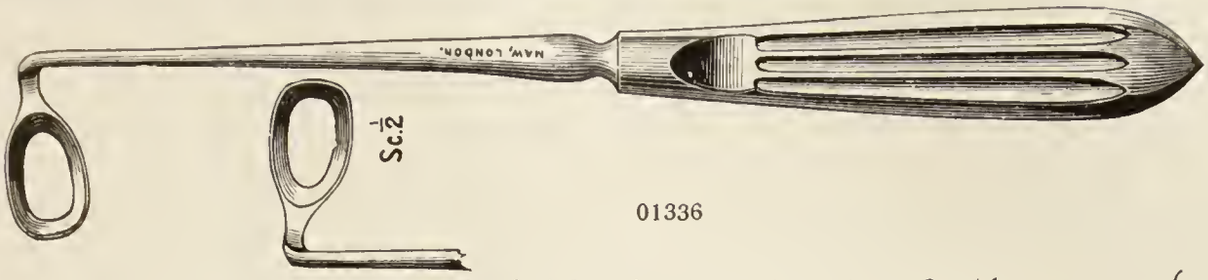


01335

Curettes, for the removal of Adenoid Growths, etc.—

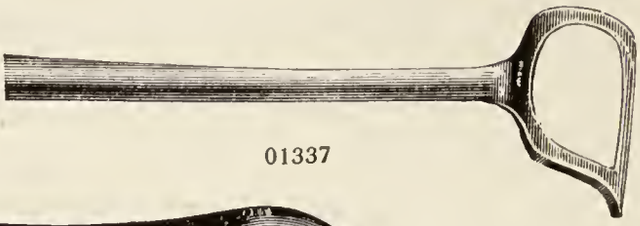
01335	Gottstein's, 3 sizes .. .. each	0	7	6

Instruments for Operations on the Nose and Naso-pharynx—**Contd.**—

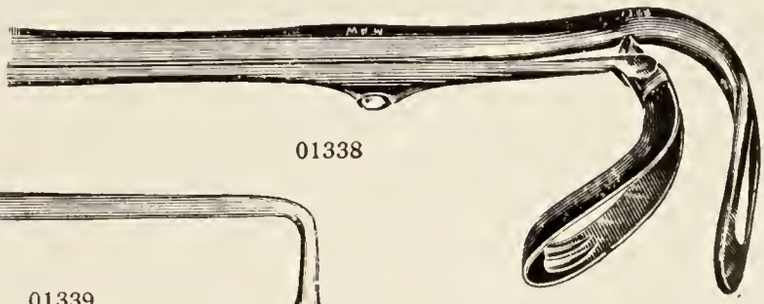


01336

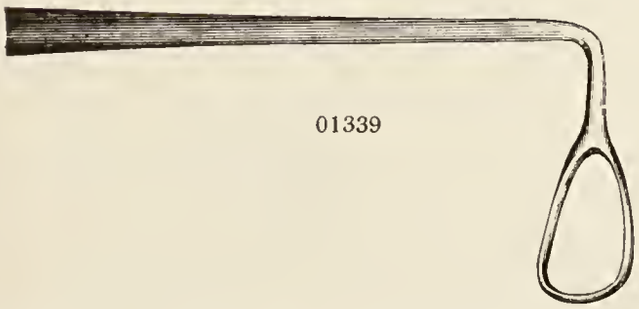
No.	**Curettes,** for the removal of Adenoid Growths, etc.—**Contd.**—	£	s.	d.
01336	Ballance's, curved, right and left .. .. each	0	7	6



01337



01338



01339

01337	Beckman's, 3 sizes, $\frac{3}{4}$ in., $\frac{7}{8}$ in., and 1 in. ; handles as No. **01335**, each	0	7	6
01338	Delstanche's, with cup, 3 sizes, handles as No. **01335** .. ,,	0	17	6
01339	Hartman's, $\frac{1}{2}$ in. wide, handles as No. **01335** .. .. ,,	0	6	0

01340

01340	Golding Bird's	0	7	6

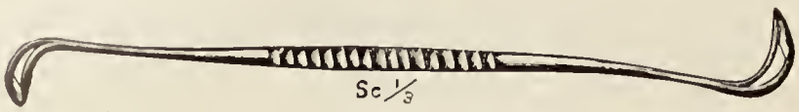
01341

01342

01343

01341	Kirstein's, handle as No. **01335**, 3 sizes .. .. .. each	0	7	6
01342	Mackay McDonald's, handle as No. **01335**, 3 sizes.. .. ,,	0	17	6
01343	Meyer's, ring knife, with flat handle, 3 sizes .. .. ,,	0	6	0

Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01344

No.	**Curette,** for the removal of Adenoid Growths, etc.—**Contd.**—	£	s.	d.
01344	Lockwood's, double ended	0	8	6

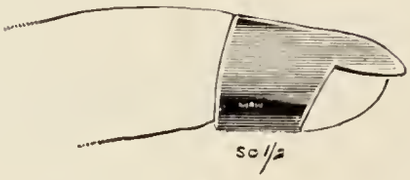
01345

01345	Peter's, solid forged, 3 sizes	0	10	6

01346

01346	St. Clair Thomson's, with cage and hooks	0	18	0
01347	Somerville Hastings's	0	8	0

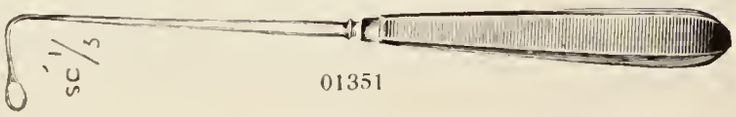
01348



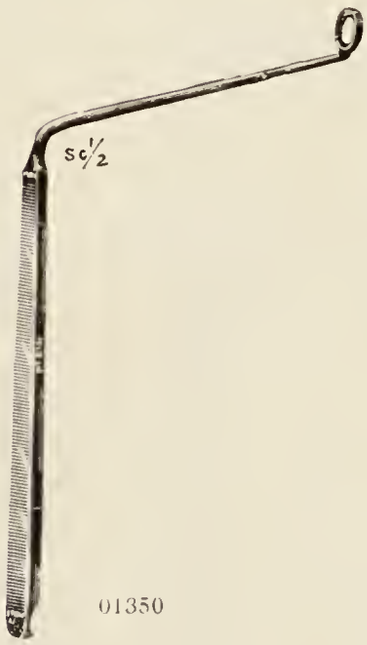
01349

Curettes, for use on Finger—

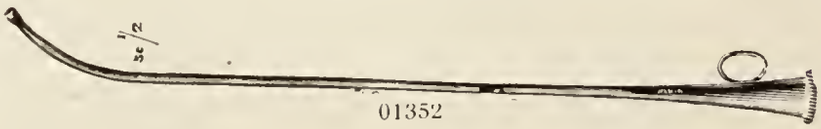
01348	Dalby's	0	4	0
01349	Haslam's	0	3	0



01351



01350



01352

01353

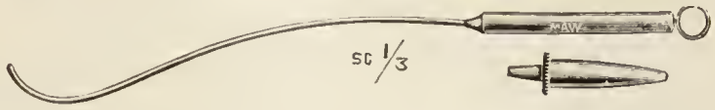
01350	**Curette, Ethmoidal,** Lake's	0	7	6
01351	**Curette, Pharyngeal,** Bronner's	0	5	6

Douches (see page 619).

Drainage Tubes, silver, with stilettes—

01352	For Ethmoidal Sinus	0	7	0
01353	For Frontal Sinus	0	7	0
01354	For Sphenoidal Sinus	0	7	0

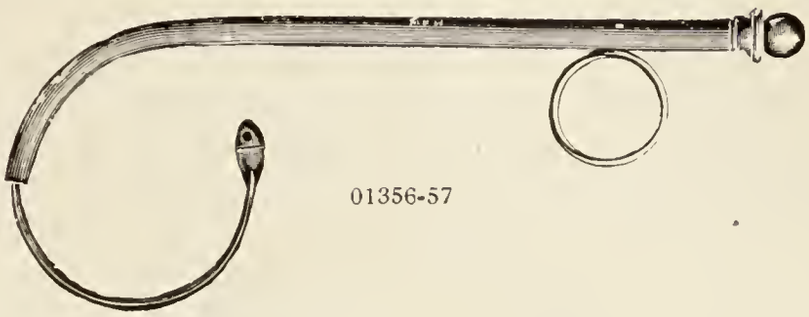
Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01355

Drainage Tubes—Contd.—

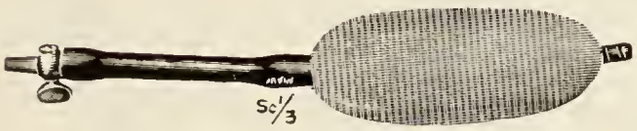
No.		£ s. d.
01355	Charles Heath's, for Frontal Sinus, set of 3 with mount for attaching to syringe	0 13 6



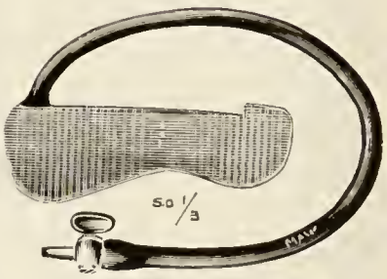
01356-57

Epistaxis Canulæ—

01356	Bellocq's, silver	0 6 0
01357	Do. plated	0 4 6



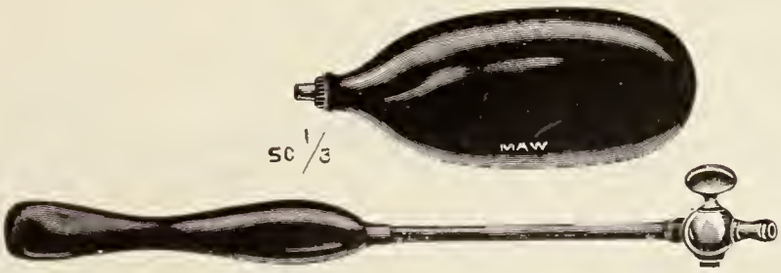
01358



01359

Epistaxis Plugs, india-rubber—

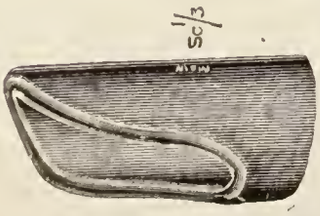
01358	Cooper Rose's, with inflator	0 5 0
01359	Howard's, with inflator	0 5 0



01360

01361

01360	Heath's (Charles), with inflator	0 9 6
01361	Inflator, as supplied with Nos. 01358 *and* 01359	0 2 0



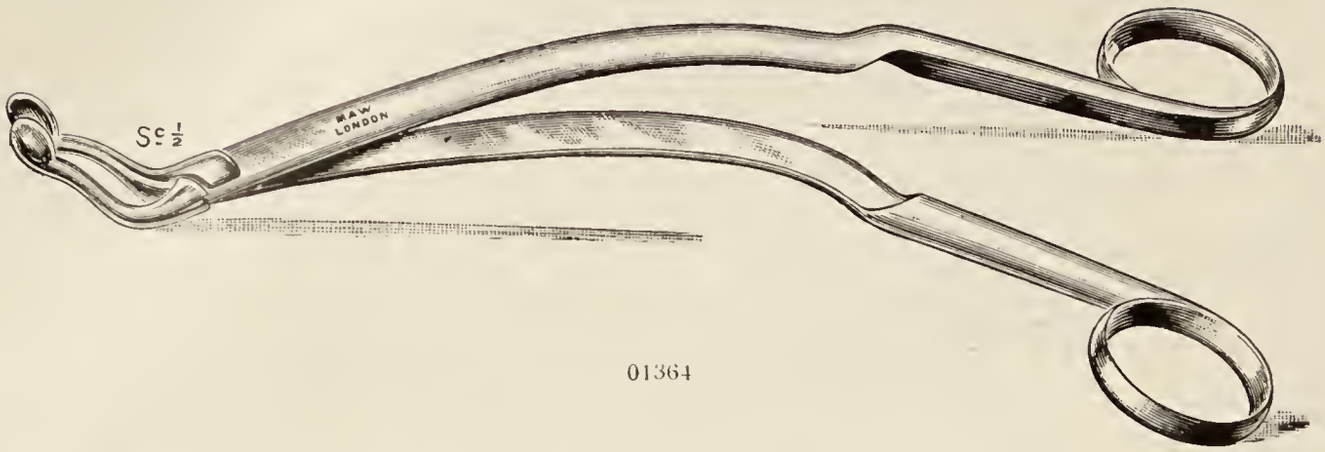
01362

01363

Finger Guards—

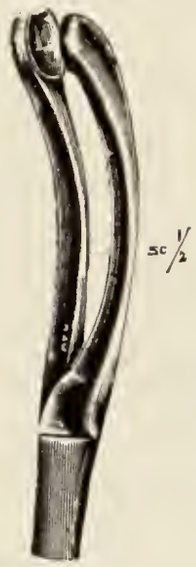
01362	Hovell's, india-rubber ..	0 1 6
01363	Langenbeck's, metal	0 2 6

Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01364

No.	**Forceps,** for the removal of Adenoid Growths, etc.—	£	s.	d.
01364	Woakes's, disjointing	0	13	6



01365

01366

01367

01368

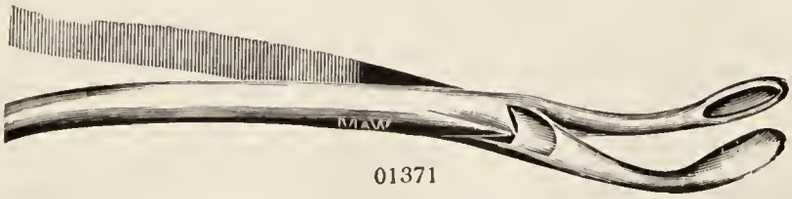
01365	Bowlby's, disjointing	0	12	6
01366	Lowenberg's, disjointing	0	13	0
01367	Mark Hovell's, disjointing	0	13	6
01368	Symond's, disjointing	0	12	6

All the above have bow handles similar to No. 01364.

01369

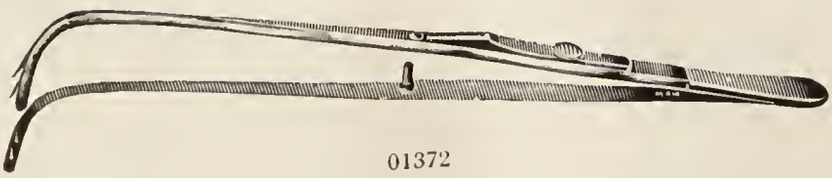
01370

01369	Kelson's, disjointing	0	13	0
01370	St. Clair Thomson's, modification of Juracz's, disjointing ..	0	13	0



01371

01371	Walsham's, disjointing	0	13	6

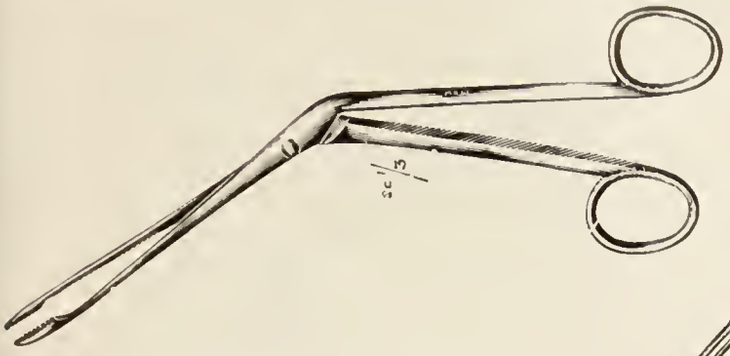


01372

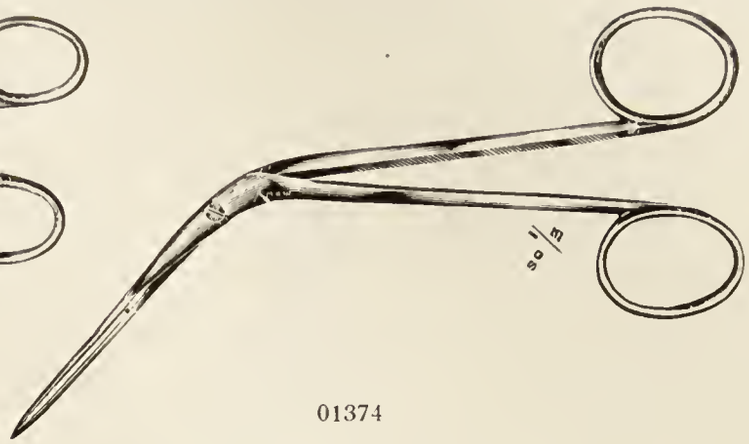
Forceps, for Dressing and Plugging—

01372	Krause's, for posterior Nares or Larynx, for holding sponge, etc...	0	9	0

Instruments for Operations on the Nose and Naso-pharynx—**Contd.**—

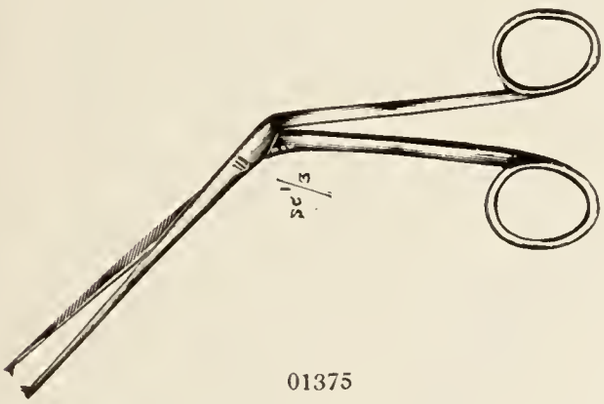


01373

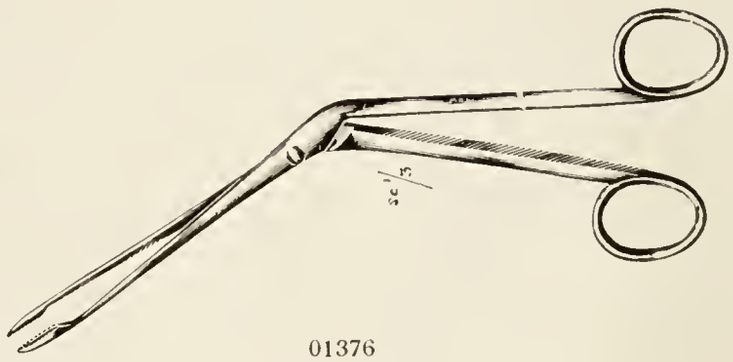


01374

No.	**Forceps,** for Dressing and Plugging—**Contd.**—	£	s.	d
01373	Hartman's, disjointing	0	7	6
01374	Lubet-Barbon's, with long slender blades..	0	6	0

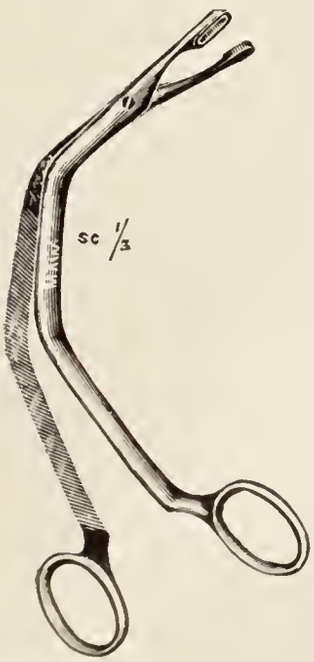


01375

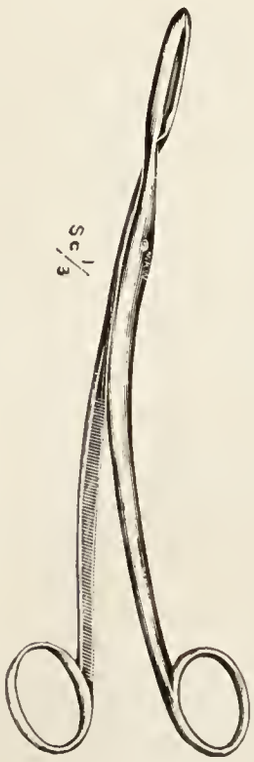


01376

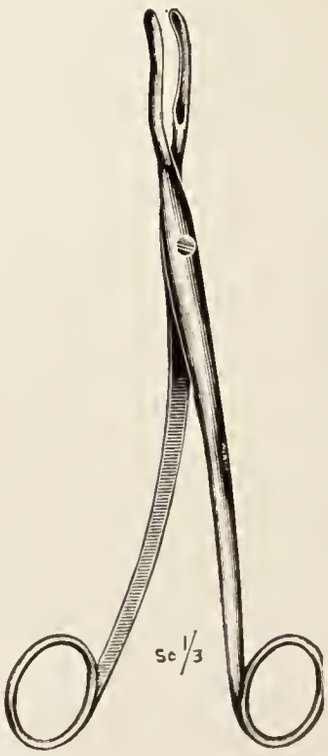
01375	" Mouse-Teeth " points	0	8	0
01376	Pegler's, with fine jaws	0	6	6



01377



01378

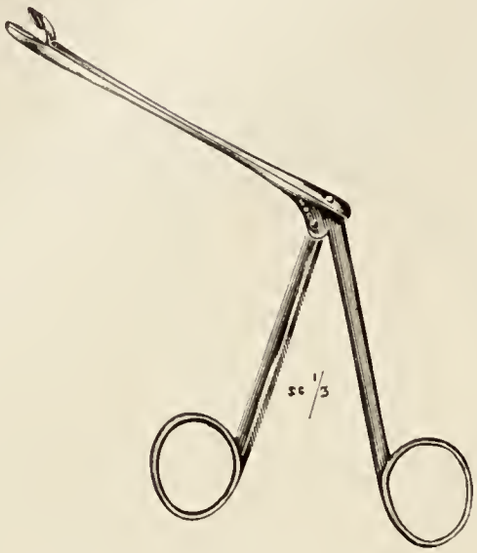


01379

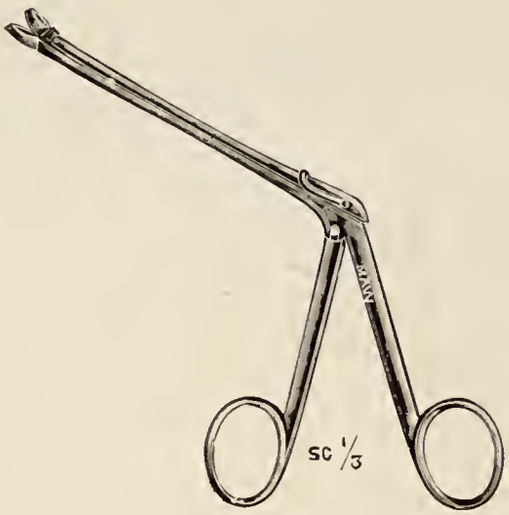
Forceps, for removing growths from the Turbinate, etc.—

01377	Charles Heath's, with handles removed from the line of sight ..	0	11	6
01378	Doyen's, 3 sizes, $1\frac{5}{8}$ in., $1\frac{3}{8}$ in. and 1 in. blades .. .. each	0	13	0
01379	Do. curved	0	14	6

Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01380



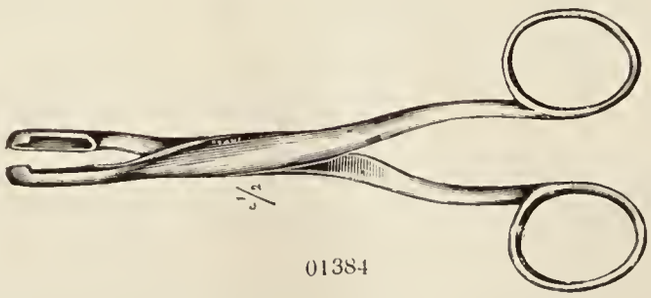
01381

No.	**Forceps,** for removing growths from the Turbinate, etc.—**Contd.**	£	s.	d.
01380	Grunwald's, 2 sizes .. .. each	1	5	0
01381	Hartmann's "Conchotome"	1	5	0

01382

01383

01382	Lermoyez's 2 sizes .. .. each	1	5	0
01383	Luc's	0	17	6

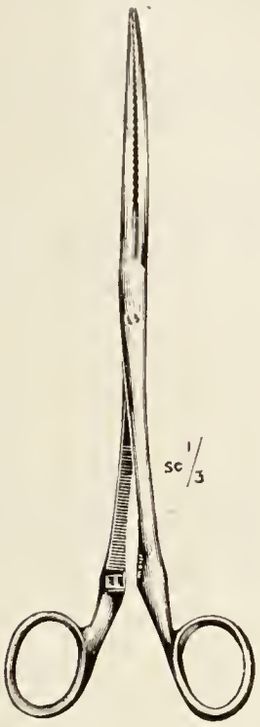


01384

01384	Weir's	0	13	0
01385	Woakes's	0	13	0

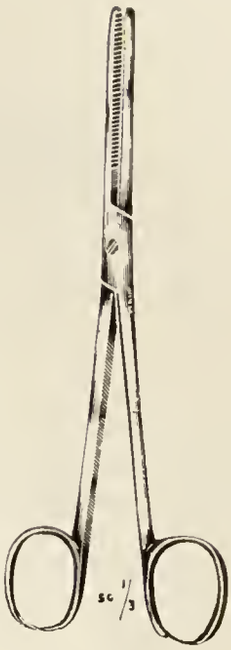
Instruments for Operations on the Nose and Naso-pharynx—Contd.—

01386



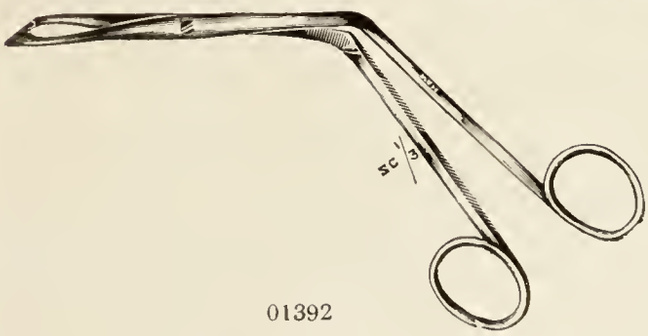
01388

01390

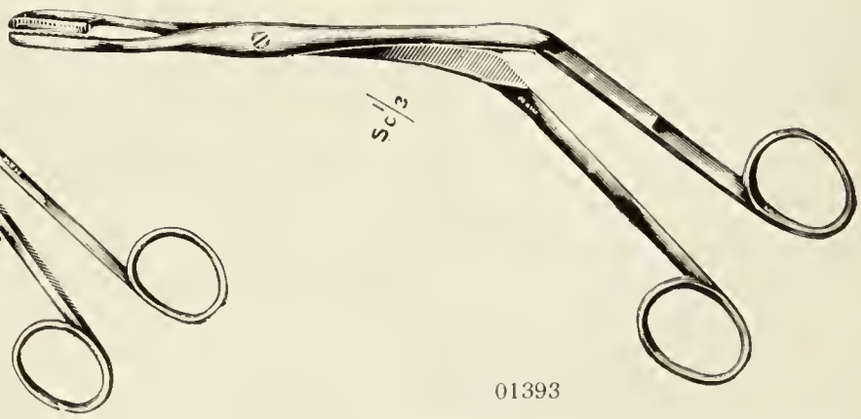


01391

No.	**Forceps,** for the removal of Nasal Polypi—	£	s.	d.
01386	Curved, strong, with screw joint	0	8	6
01387	Do. do., disjointing	0	9	6
01388	Do. with slender bowed blades, screw joint	0	7	0
01389	Do. do. do., disjointing	0	8	0
01390	Doyen's, disjointing	0	7	0
01391	Heath's (Charles)	0	7	6

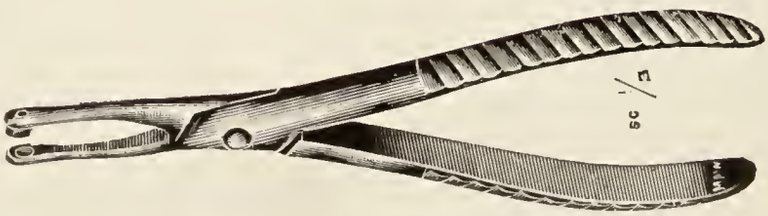


01392



01393

01392	Heyman's, with cupped jaws	0	9	6
01393	Ruault's	0	8	6



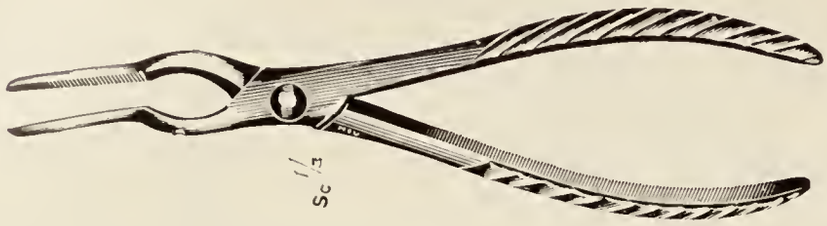
01394

01395

Forceps, for punching the Septum—

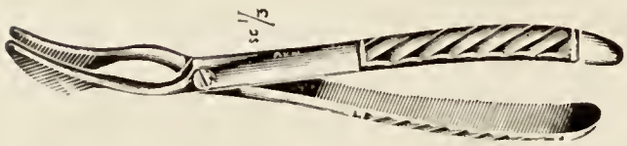
01394	Rupprecht's	0	13	6
01395	Steele's, starring	0	14	6

Instruments for Operations on the Nose and Naso-pharynx—Contd.—

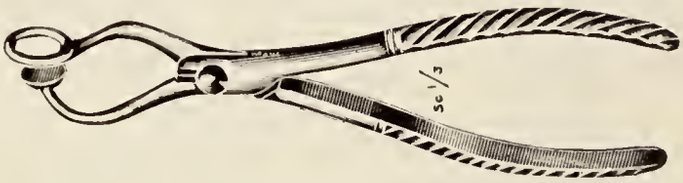


01396

No.	**Forceps,** for straightening the Septum—	£	s.	d.
01396	Asch's, disjointing	0	9	6

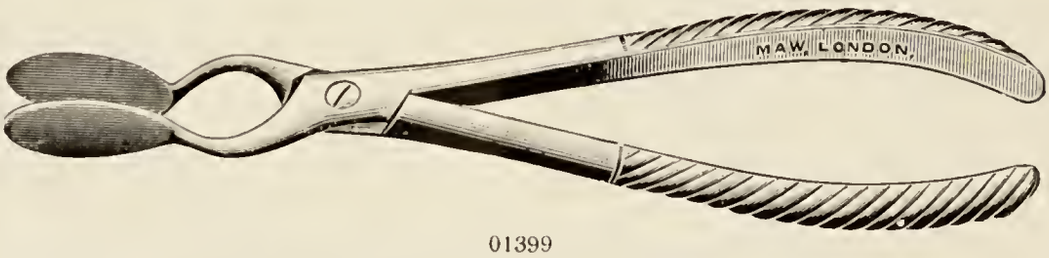


01397



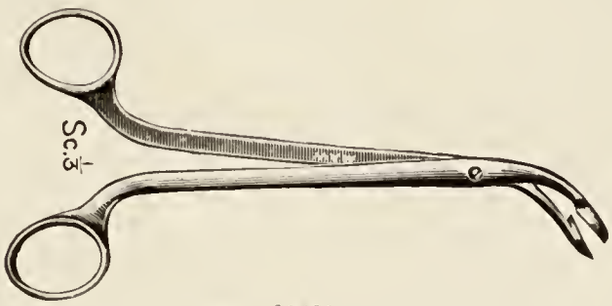
01398

01397	Adams's	0	7	6
01398	Smith's	0	12	6



01399

01399	Walsham's, with screw joint	0	8	6
01400	Do. disjointing	0	10	6



01401

Forceps, for removing Growths from the Septum—

01401	Woakes's, curved	0	13	0
01402	Do. straight	0	13	0

01403

01403	**Frontal Sinus Probe,** Charles Heath's, with adjustable handle ..	0	4	6

01404

Gouges—

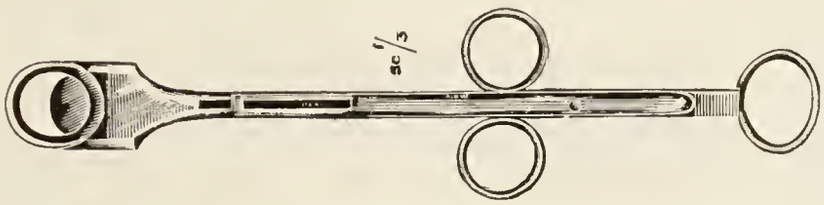
01404	Asch's, solid forged	0	4	0

Instruments for Operations on the Nose and Naso-pharynx—Contd.—

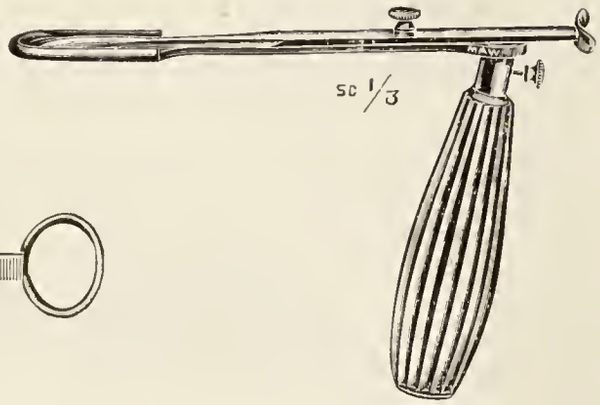
01405

01406

No.	**Gouges—Contd.—**		£	s.	d.
01405	Macdonald's, set of 4 fitting one handle		0	14	6
01406	Woakes's, plough shape, with metal handle, right or left	each	0	6	6



01407

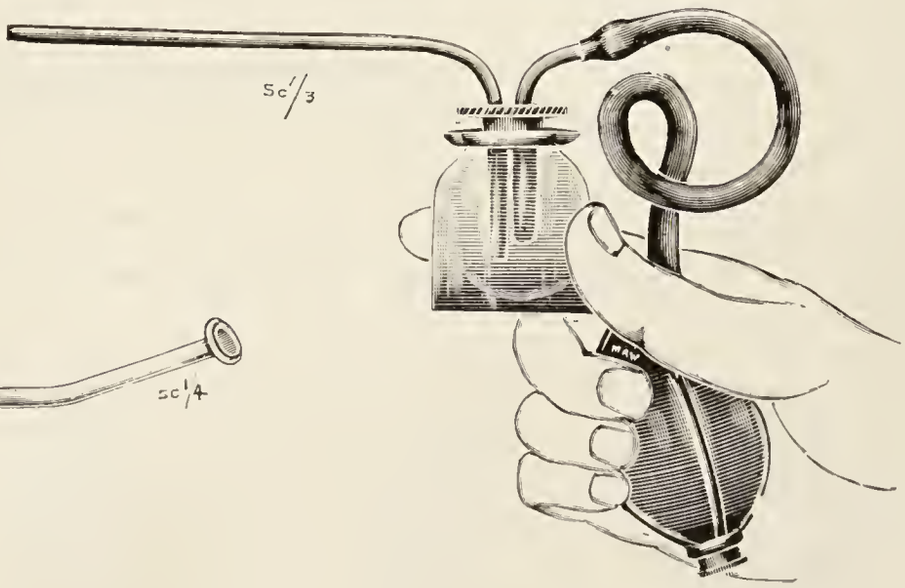


01408

Guillotine—

01407	Lake's, for posterior end of the turbinate bone, 2 sizes ..	each	0	17	6
01408	Kelson's, with handle..		1	5	6

01409



01410

Insufflators—

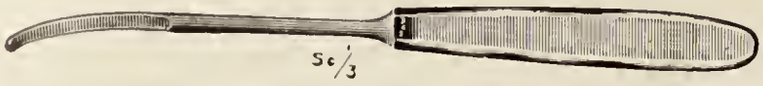
01409	Leduc's laryngeal auto-insufflator		0	0	6
01410	McIlraith's, for use with one hand		0	5	6

(*For other Insufflators see pages* 626 *and* 627).

01411

01411	**Knife,** Ballenger's, for submucous operations on the septum..	..	0	6	6

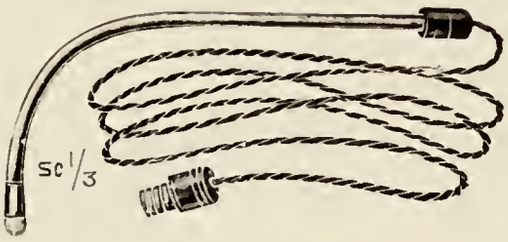
Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01412

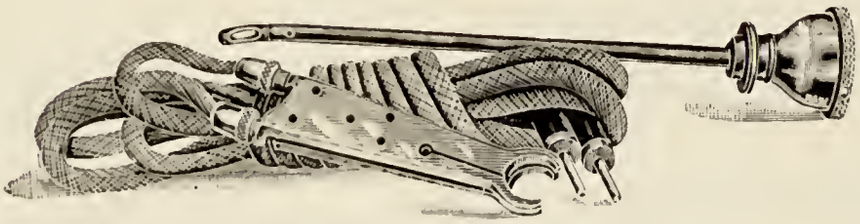
No.		£	s.	d.
01412	**Knife**, Heath's	0	7	6

Lamps, for Trans-illumination of Maxillary Antrum, Frontal Sinus, etc. (see page 167).



01413

01413	**Lamp, Post Nasal,** Warren Brown's, for use with No. 01837 portable battery, or fitted with pin terminal for use with four-volt accumulator	0	5	6



01414

01414	**Lamp, Naso-Pharyngoscope**, Hirschmann's, for direct examination of Naso-Pharynx, in aseptic metal case	4	17	6

01415

Palate Levers—

01415	Hovell's, silver, adjustable, with metal handle	0	7	0
01416	Do. do. do., without handle	0	4	6

01417

01418

01419

01420

Plugs and Splints, for use after operations on the Septum—

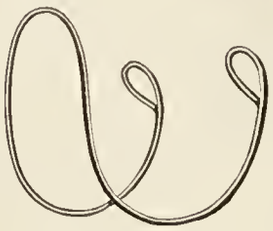
01417	Adams's, ivory	per pair	0	3	0
01418	Asch's, celluloid, 5 sizes	,,	0	2	0
01419	Macnaughton Jones's, adjustable, nickel-plated	each	0	7	0
01420	Walsham's, vulcanite	per pair	0	3	0

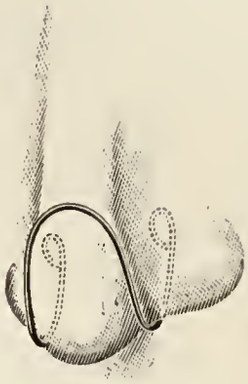
Instruments for Operations on the Nose and Naso-pharynx—Contd.—

01421

01422

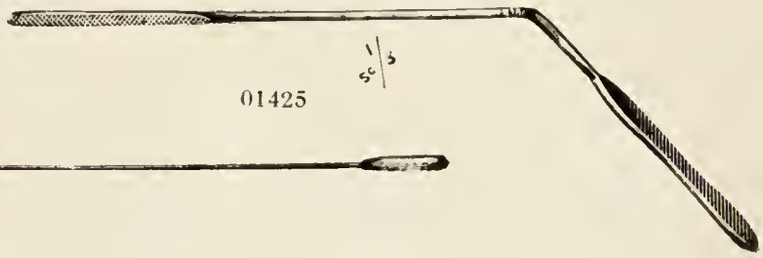
01423





01424

No.	**Plugs and Splints,** for use after operations on the Septum, etc.—		£	s.	d.
01421	India-rubber, Lake's, 8 sizes	per pair	0	2	0
01422	Spring, celluloid, 5 sizes	,,	0	1	6
01423	Wire, silver, Francis's, 4 sizes	each	0	1	0
01424	Do. Bullen's	,,	0	1	0

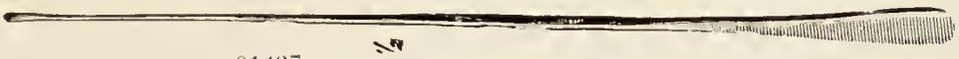


01425

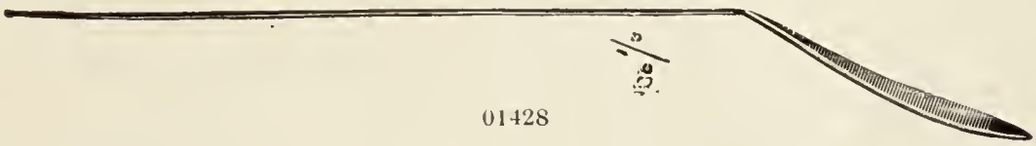
01426

Probes—

01425	Barclay Barron's, for application of chromic acid	0	5	6
01426	Harmer's	0	0	6



01427

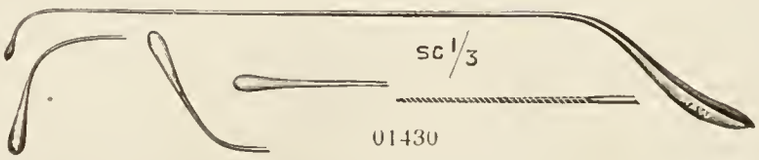


01428

01427	Hartman's, straight, flexible	0	2	6
01428	Do. angular, as recommended by Jobson Horne	0	2	6

01429

01429	Heath's, for wool, with cylindrical handle, 5, 7 and 8 in.	each	0	2	0



01430

01430	Killian's, set of 4	0	6	0

01431

01431	Pegler's, crank bent	0	3	9

sc 1/3 01432

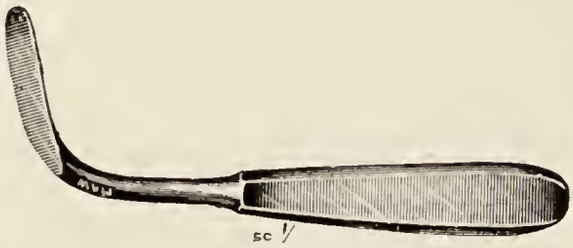
01432	Set of 12 Aluminium, fitting one handle	0	2	0

Instruments for Operations on the Nose and Naso-pharynx—Contd.—

01433

Raspatories—

		£	s.	d.
01433	Asch's, solid forged	0	3	6



01434

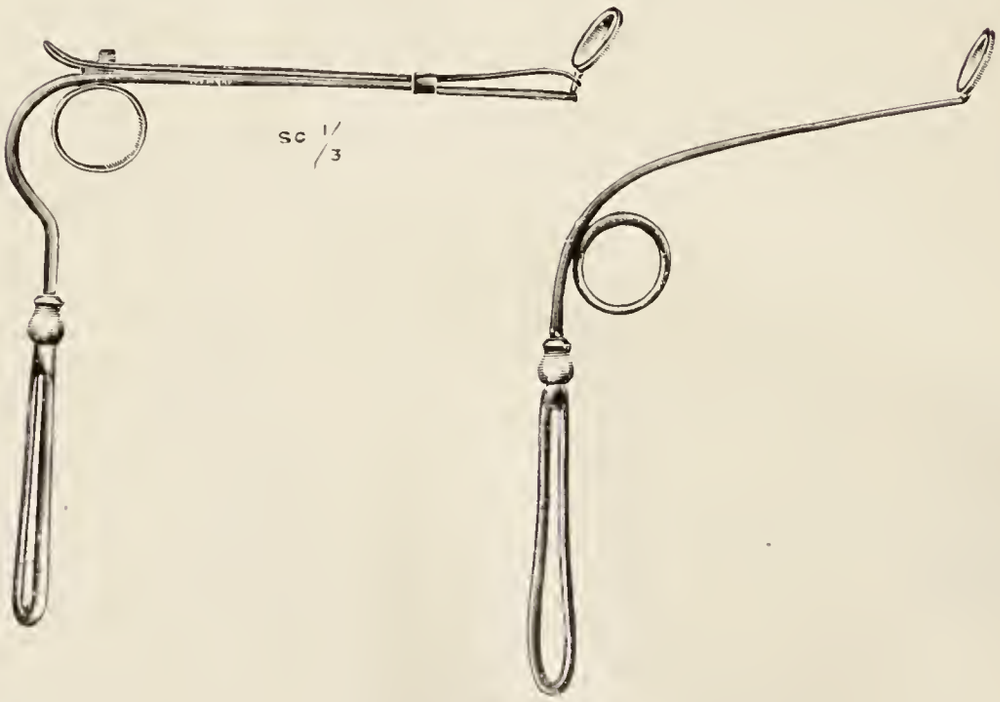
01435

01434	Doyen's, for detaching Post Nasal Polypi	0	5	6
01435	Do. do. do.	0	6	0

01436

01437

01436	Heath's, sharp and blunt	0	6	6
01437	Macdonald's, double	0	4	0

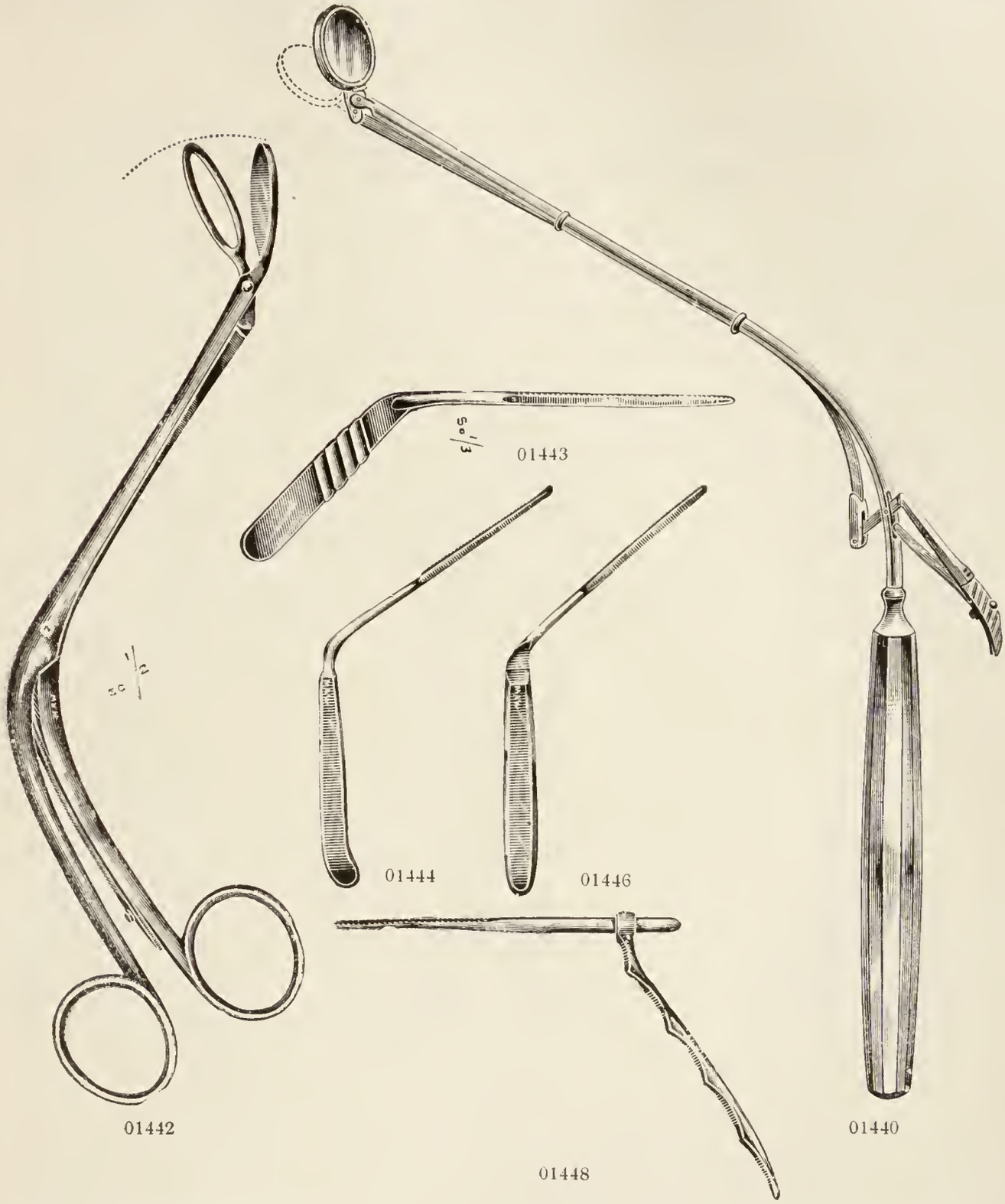


01438 01439

Rhinoscopes—

01438	Fränkel's	0	9	0
01439	Brun's	0	3	6

Instruments for Operations on the Nose and Naso-pharynx—Contd.—



No.		£	s.	d.
	Rhinoscopes—Contd.—			
01440	Michel's, in leather case	0	11	6
01441	Do. with 3 revolving mirrors, in leather case	1	3	6
01442	Duplay's	0	13	6
	Saws, with metal handles—			
01443	American pattern	0	5	6
01444	Bosworth's, to cut upwards	0	5	6
01445	Do. to cut downwards	0	5	6
01446	Woakes's, to cut upwards	0	5	6
01447	Do. to cut downwards..	0	5	6
01448	Reversible, for upward or downward cutting, in metal handle ..	0	7	6

01449

01449	Hunter Mackenzie's, to fix at any angle	0	12	0

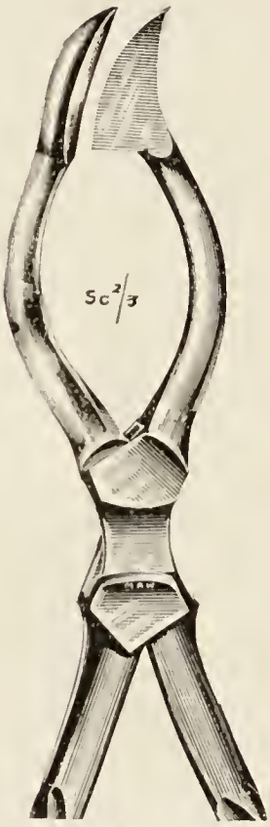
Instruments for Operations on the Nose and Naso-pharynx—Contd.—

01450

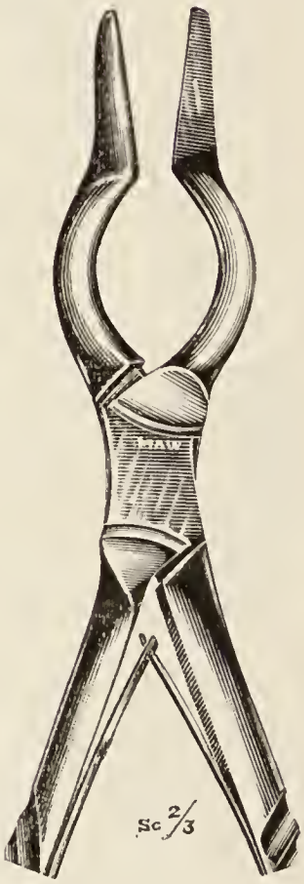
01451

No.	**Saws,** with metal handles—**Contd.**—	£	s.	d.
01450	Baber's, straight	0	5	0
01451	Straight, with thin handle	0	3	0

01452



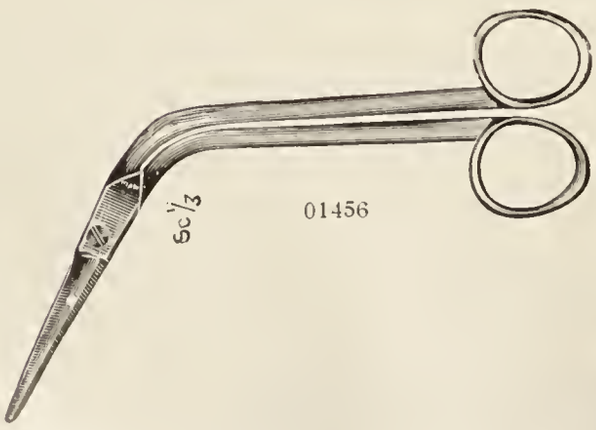
01453



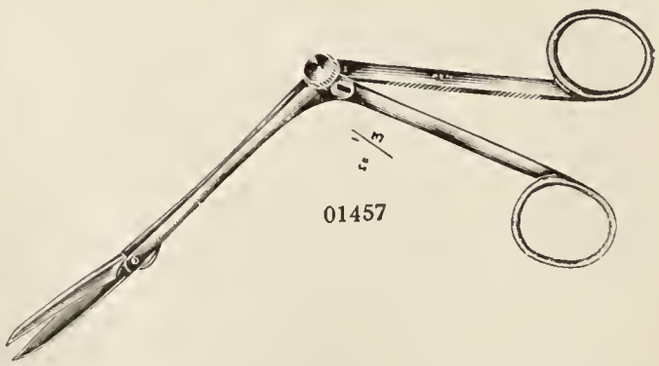
04154

Scissors—

01452	Asch's, angular, right or left, disjointing	each	0	18	0
01453	Do. straight, disjointing		0	14	0
01454	Moure's, with bow handles		0	18	6
01455	Pegler's, disjointing		0	13	0



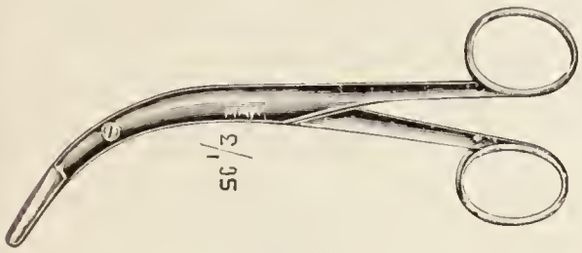
01456



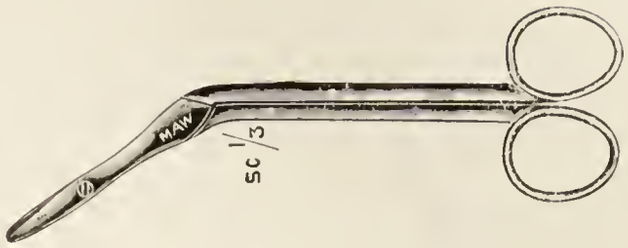
01457

01456	Charles Heath's, angular, for turbinate	0	6	6
01457	Walsham's, for turbinate	1	1	0

Instruments for Operations on the Nose and Naso-pharynx—Contd.—

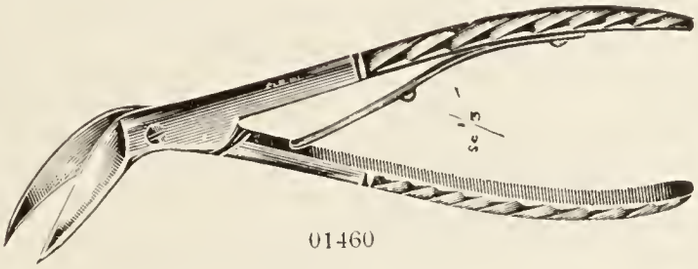


01458



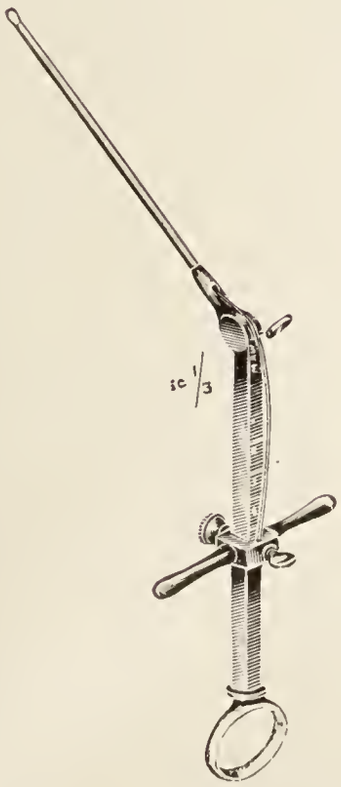
01459

No.	**Scissors—Contd.—**	£	s.	d.
01458	Butlin's, for Turbinate	0	13	6
01459	Heymann's	0	6	6

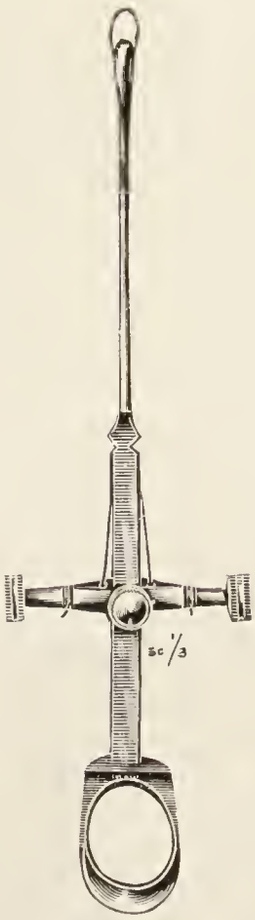


01460

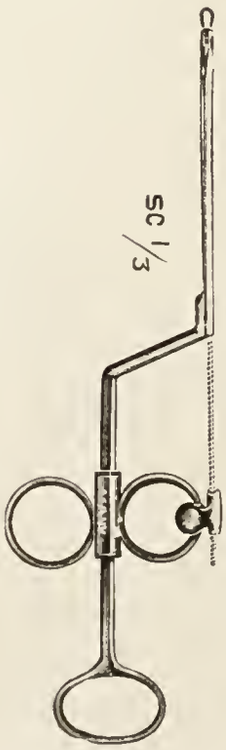
01460	Woakes's, curved, right or left, for turbinate	0	15	6



01461



01463

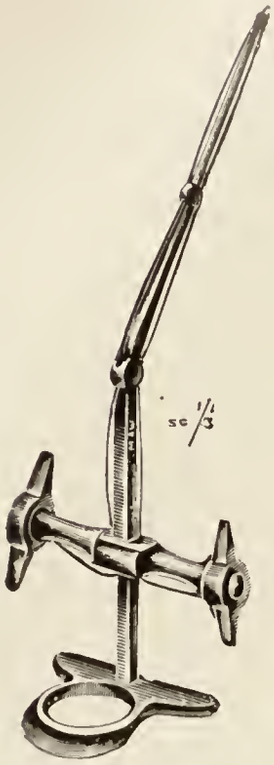


01462

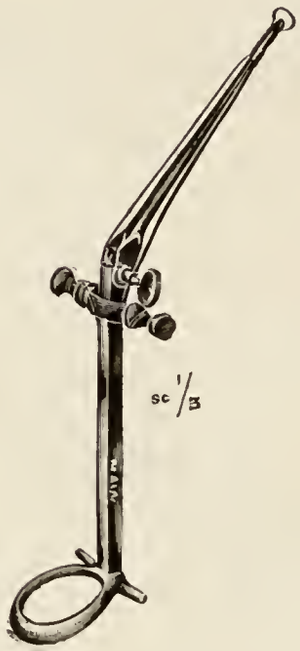
Snares—

01461	Baber's, to set at any angle . . .	1	2	6
01462	Glegg's	0	18	6
01463	Golding Bird's . . .	0	17	6

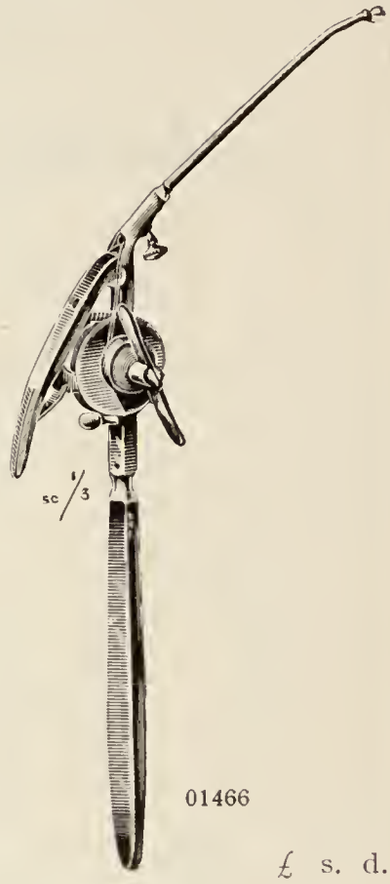
Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01464

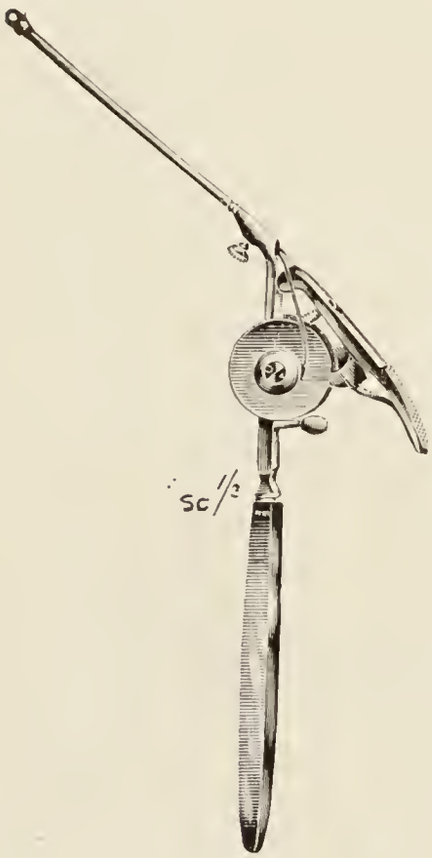


01465

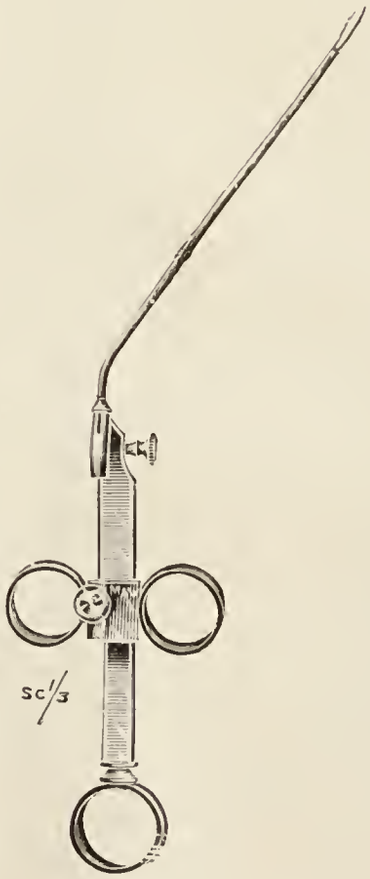


01466

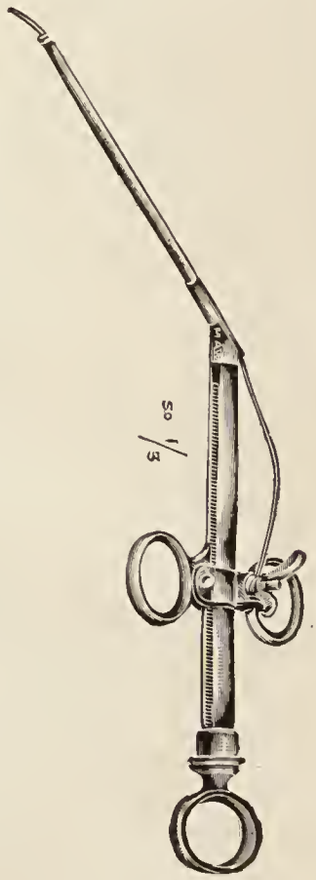
No.	Snares—Contd.	£	s.	d.
01464	Heath's (Charles)	1	10	0
01465	Hilton's, to fix at any angle	0	19	6
01466	Hovell's, with rack	1	12	0



01467



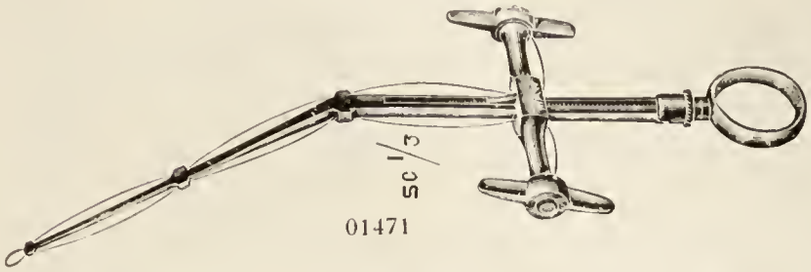
01468



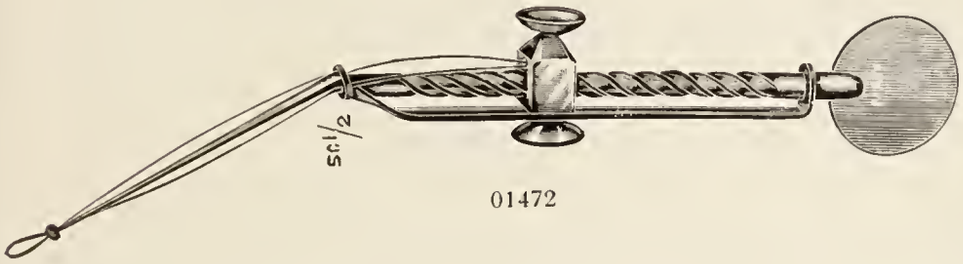
01470

01467	Mackenzie's	1	7	0
01468	Krause's	0	10	6
01469	Do. modified by Ballance, with spring to open loop	0	13	6
01470	Lack's, screw and slide action, with 2 ends	1	13	6

Instruments for Operations on the Nose and Naso-pharynx--Contd.—



01471



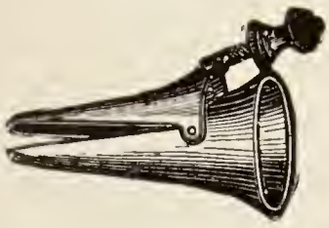
01472

01473

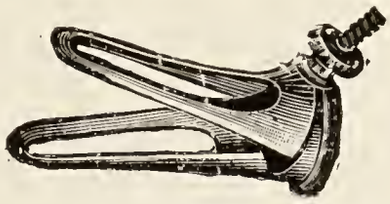
No.	Snares—Contd.—	£	s.	d.
01471	Rose's, with screw and slide action	1	13	0
01472	West's, with quick-running screw	1	2	0
01473	Wylde's	0	12	6

01474

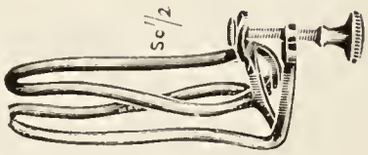
01474 **Snare Loop,** Thorne's, for fixing on to the end of snares, Nos. **01468** and **01469**, to prevent wire from being drawn into tube .. 0 2 6



01475



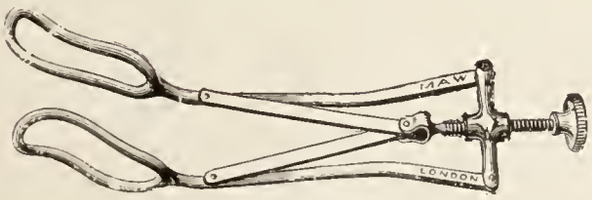
01476



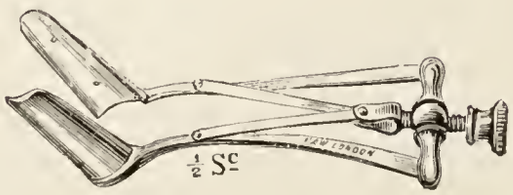
01477

Specula—

01475	Duplay's	0	5	0
01476	Do. fenestrated	0	5	0
01477	Do. wire	0	5	0

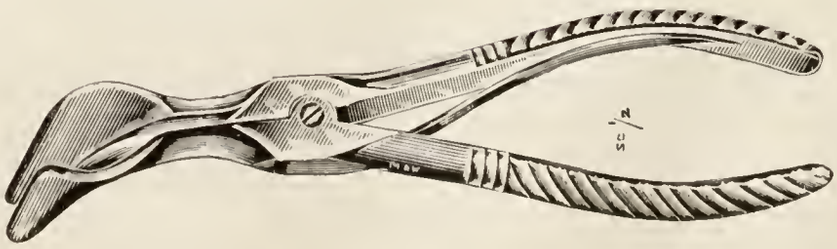


01479



01480

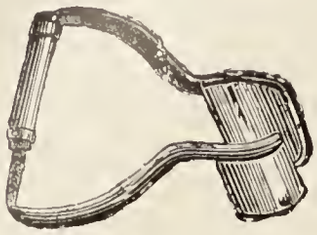
01478	Fränkel's, straight	0	3	6
01479	Do. curved	0	3	6
01480	Do. with guarded blades for use with cautery	0	5	6



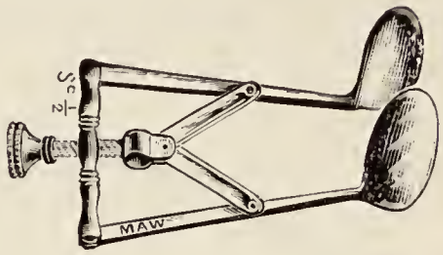
01481

01481 Jobson Horne's modification of Hartman's 0 9 0

Instruments for Operations on the Nose and Naso-pharynx—Contd.—



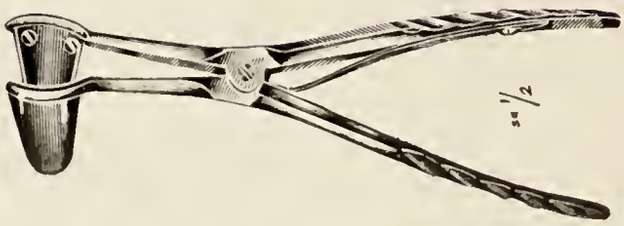
01482



01484

No.	**Specula—Contd.—**	£	s.	d.
01482	Lennox Browne's, with ivory or metal plates	0	6	0
01483	Do. with revolving plates	0	7	0
01484	Lucas's modification of Fränkel's	0	7	0

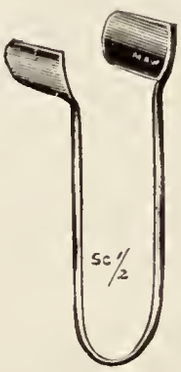
01485



01486

01485	Mackenzie's, with ivory plate, for use with cautery	0	7	6
01486	Pilcher's	0	8	0

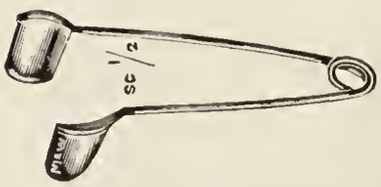
01487



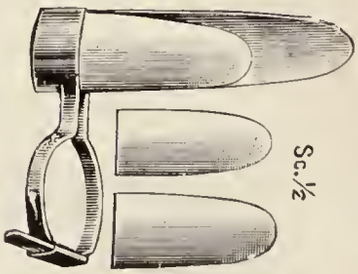
01488

01489

01487	Spiesz's, improved, nickel-plated, for use with trephine	0	5	6
01488	Thudichum's, 3 sizes .. .. each	0	3	0
01489	Tilley's, made in one piece	0	3	6



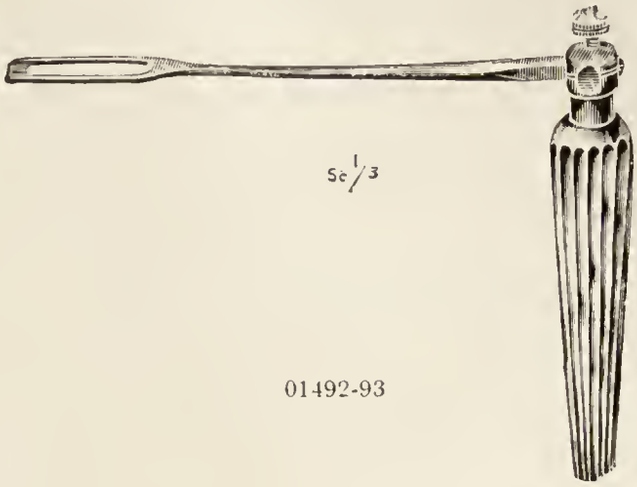
01490



01491

01490	Wainwright's	0	3	0
01491	Watson Williams's, self-holding, with 4 ivory blades	0	10	0

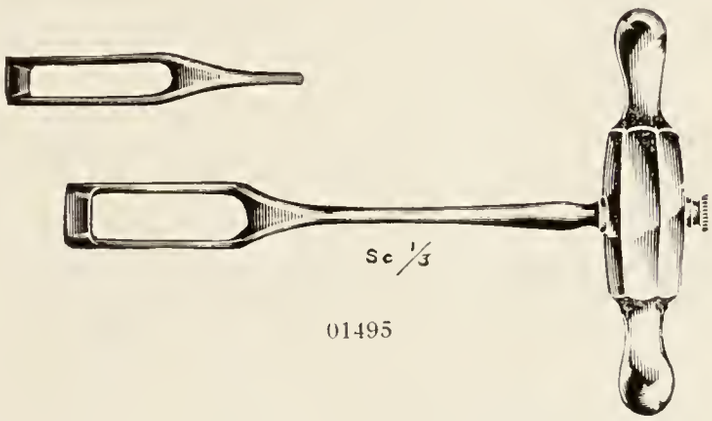
Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01492-93

Spokeshaves—

No.		£	s.	d.
01492	Carmalt Jones's, with 4 blades ($\frac{9}{16}$ in., $\frac{7}{16}$ in., $\frac{3}{8}$ in. and $\frac{5}{16}$ in.) in leather case	2	2	0
01493	Do. with 2 blades, in leather case	1	7	0
01494	Charles Heath's, with 2 blades, in leather case	1	13	6



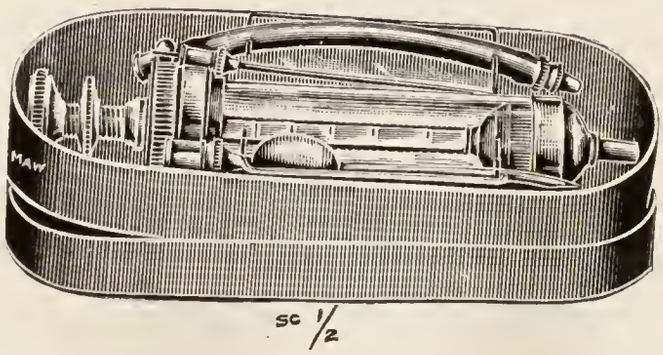
01495

01495	Kelson's, with 2 blades, $\frac{5}{8}$ in. and $\frac{1}{2}$ in.	1	10	0

01496

01497

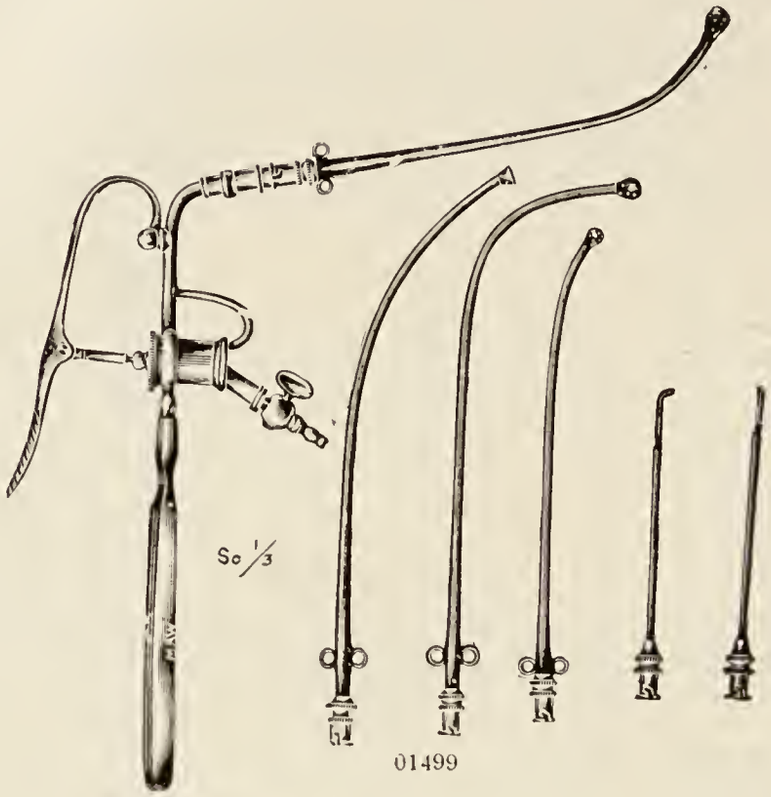
01496	Middlemas Hunt's	0	7	0
01497	Moure's	0	8	6



01498

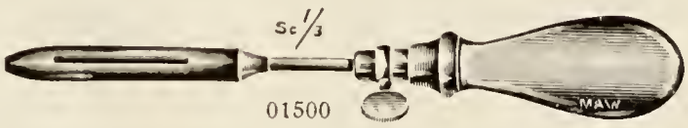
01498	**Syringe,** for the injection of paraffin wax beneath the skin, fitted with special needle for keeping the wax hot	0	12	0

Instruments for Operations on the Nose and Naso-pharynx—Contd.—



01499

No.		£	s.	d.
	Syringe, Post-Nasal and Laryngeal—			
01499	Kelson's, with 4 curved and 2 tympanic pipes, in leather case ..	3	0	0



01500

	Trephines—			
01500	Bronner's, for removal of spurs, etc., with metal handle, 3 sizes each	0	12	6
	(The trephine can be removed from handle and used with dental engine.)			
01501	Curtis's, 3 sizes, to fit dental engine .. .. .. each	0	5	6

INSTRUMENTS FOR OPERATIONS ON THE FRONTAL SINUS.

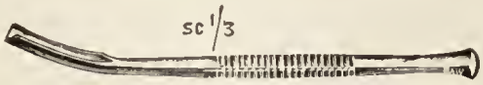
01502

01502	**Curette,** Killian's	0	6	0

01503

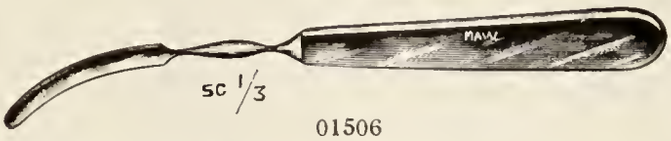
01503	**Forceps,** Nibbling, Killian's	0	14	6

Instruments for Operations on the Frontal Sinus—Contd.—



01504

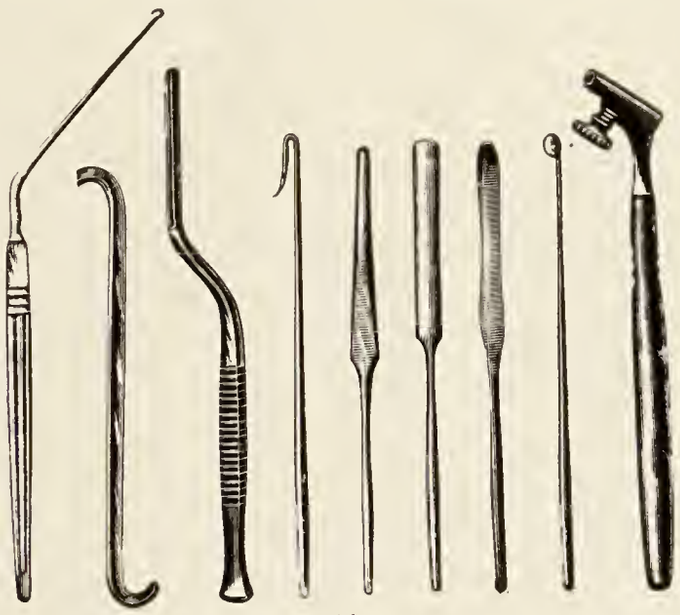
No.		£	s.	d.
01504	**Gouge,** V-shape, curved, Killian's	0	4	0
01505	Do. do., straight, Killian's	0	4	6



01506

01506	**Separator** or **Periosteal Detacher,** Killian's	0	4	6

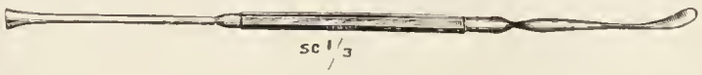
INSTRUMENTS FOR SUBMUCOUS RESECTION OF THE NASAL SEPTUM.



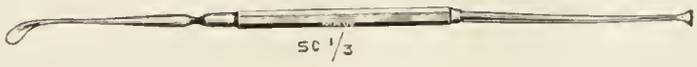
Sc. 1/3

01507

01507	**Set of Instruments,** Killian's, for the submucous operation for deflected septum, consisting of knife, 3 raspatories, and needle (fitting one handle), gouge, double-ended retractor and angular hook, complete in roll-up pouch	1	2	6
01508	Any of the above instruments with fixed handles .. .. each	0	5	6



01509



01510

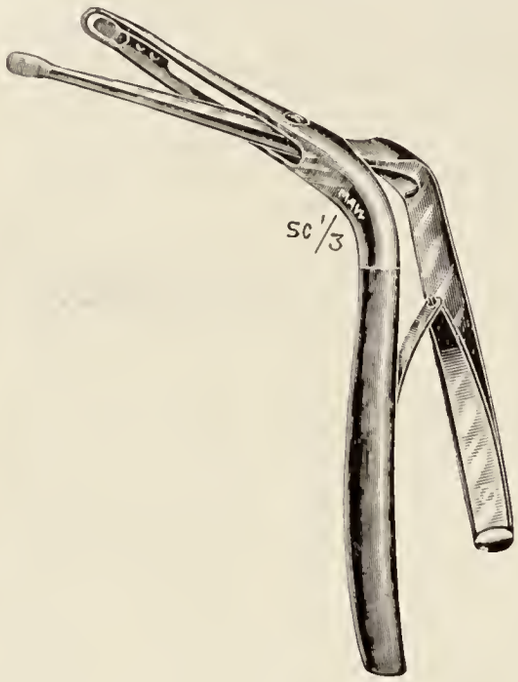
01509	**Elevator,** Freer's, curved or flat	0	6	0
01510	Do. do curved to the side	0	6	0

01511

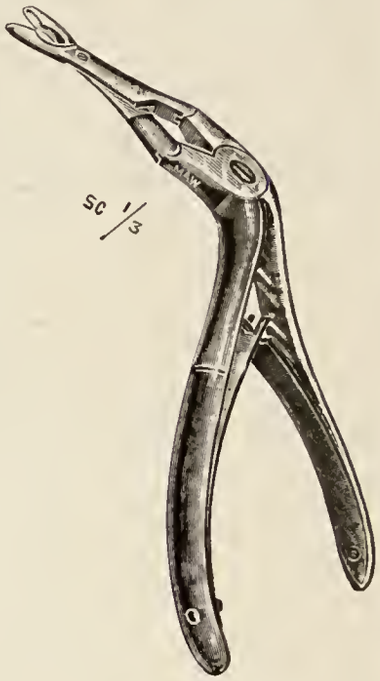
01511	**Forceps, Ridge,** Charles Heath's	1	2	6

Instruments for Submucous Resection of Nasal Septum—Contd.—

01512



01513



01514

No.		£	s.	d.
	Forceps, Septum—			
01512	Charles Heath's, straight, right or left .. .. .. each	1	2	6
01513	Foster Ballenger's	1	6	6
01514	Jansen Middleton's	1	8	0

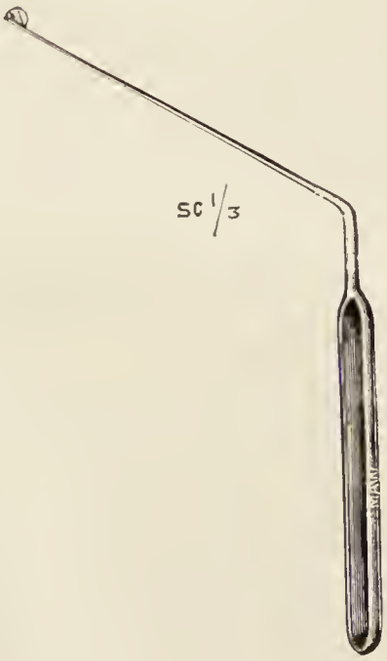
01515

01516

	Gouges—			
01515	Charles Heath's	0	7	6
01516	Killian's	0	5	6

01517

01518

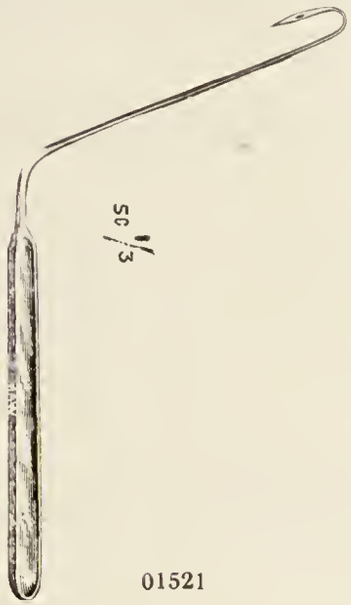


01519

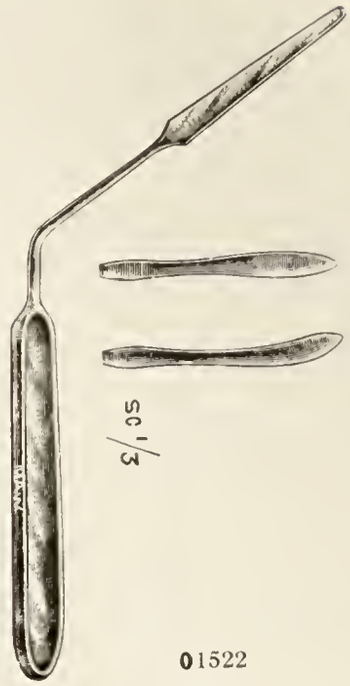
01520

01517	**Hook, Killian's**	0	5	6
	Knives—			
01518	Ballenger's, with swivel blade	0	6	6
01519	Killian's, angular	0	5	6
01520	Do. for septum	0	6	6

Instruments for Submucous Resection of Nasal Septum—Contd.—

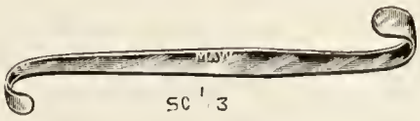


01521



01522

No.		£	s.	d.
01521	**Needle,** Killian's	0	5	6
01522	**Raspatories,** Killian's, set of 3 .. .. .. each 5 6; per set	0	15	0



01523

Retractors—

01523	Killian's	0	1	6

01524

01524	Freer's, three sizes .. .. each	0	4	6

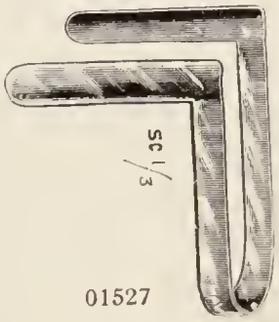
01525

Separators—

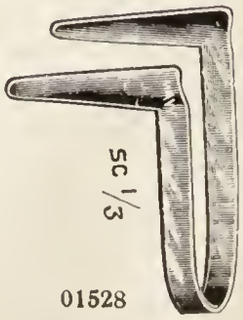
01525	Charles Heath's	0	6	6

01526

01526	Killian's, right or left.. .. .. each	0	6	0



01527



01528

Specula—

01527	Killian's, with 1 in., 1½ in. or 2 in. blades	0	4	6
01528	St. Clair Thomson's	0	5	6

INSTRUMENTS FOR OPERATION ON THE GASSERIAN GANGLION.

01529

01530

No.		£	s.	d.
01529	**Hook,** Rose's, blunt	0	4	6
01530	Do. do., sharp, for cutting	0	7	6

01531

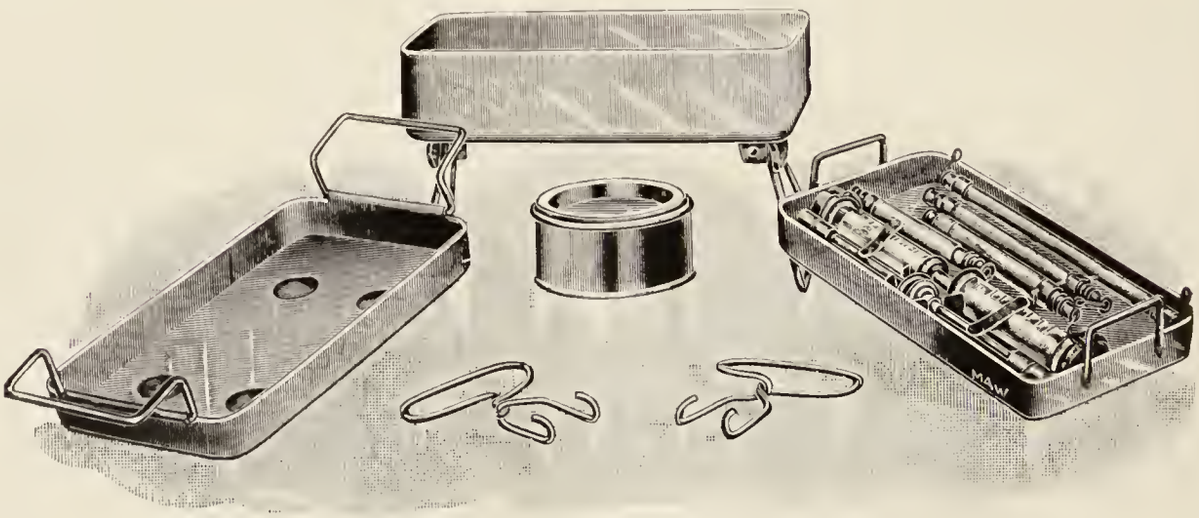
01531	**Needle,** Hutchinson's	0	4	0

01532

	Retractors—			
01532	Donald Armour's	0	4	9

01533

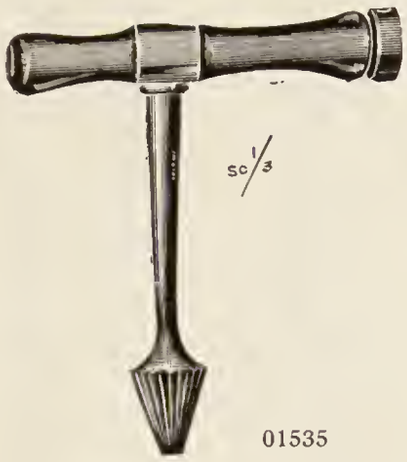
01533	Krause's	0	7	6



01534

01534	**Wilfred Harris's Outfit** for alcohol injection, consisting of nickel-plated sterilizer, 6 × 3 × 1½ in., with lamp and tray, in which are fitted 2 " Record " syringes of 1 c.c. and 2 c.c. capacity, and 8 needles of lengths varying from 1¼ in. to 3¾ in. ..	2	12	6

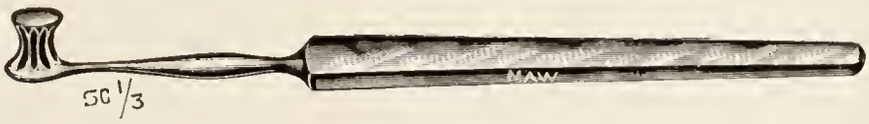
ANTRUM INSTRUMENTS.



01535

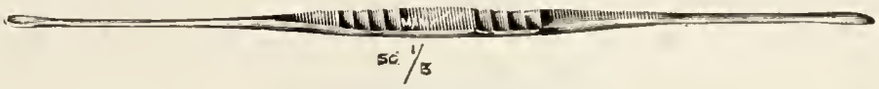
01537

No.		£	s.	d.
01535	**Broach,** Heath's, for enlarging the opening made by Perforator No. 01549	0	16	0
	Burrs—			
01536	Kelson's, for removing anterior and posterior lining of antrum..	0	7	6
01537	Rose's burr-perforator	0	7	6



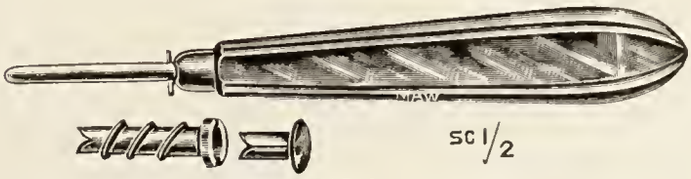
01538

01538	Somerville Hastings's for enlarging opening made by perforator	0	6	9



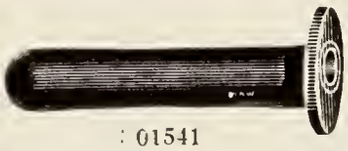
10539

01539	**Curette**	0	6	0



01540

	Drainage Tubes—			
01540	Ackland's, with pilot and plug	0	9	6



01541

01542

01541	Buck's, India-rubber, various sizes .. .. each	0	0	9
01542	Macdonald's, spiral silver wire, various sizes, each, from 9d. to	0	2	6

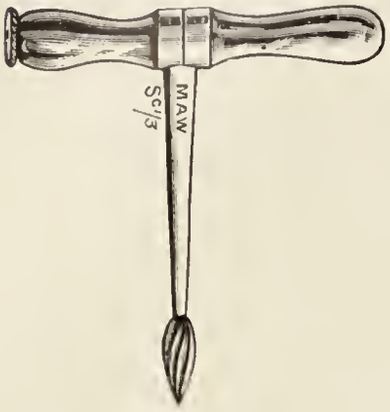
01543

01543	**Drainage Tube Introducer,** Charles Heath's	0	6	0
	Illumination Apparatus (see page 167).			

01544

	Knife, solid forged—			
01544	Symonds's, for enlarging the opening made by drill	0	5	6

Antrum Instruments—Contd.—



01546

01547

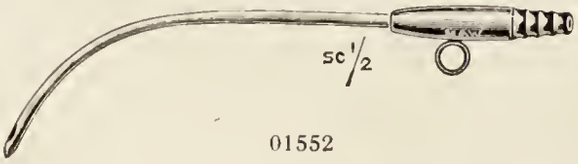
01549

01550

No.	**Perforators,** in metal handles—	£	s.	d.
01545	Brunton's, same as Heath's No. 01549, but smaller	0	5	6
01546	Creswell Baber's	0	10	0
01547	England's, 3 sizes .. .. each	0	7	0
01548	Do. with cross handle	0	8	6
01549	Heath's, for use in conjunction with Broach No. 01535	0	6	6
01550	Symonds's, set of 3 fitting one handle	0	15	0

01551

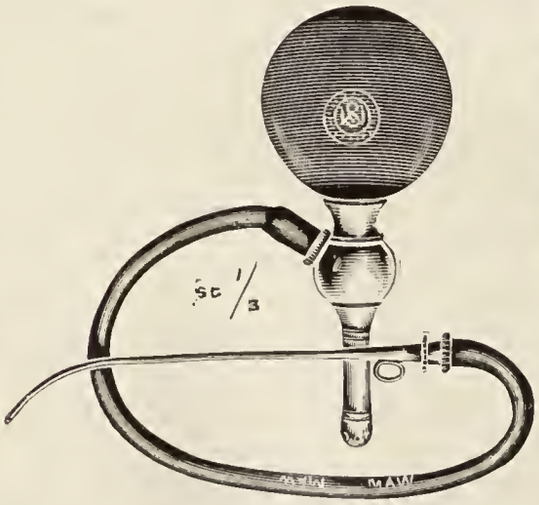
01551 **Plugs,** india-rubber, solid, various sizes .. .. .. per doz. 0 5 0



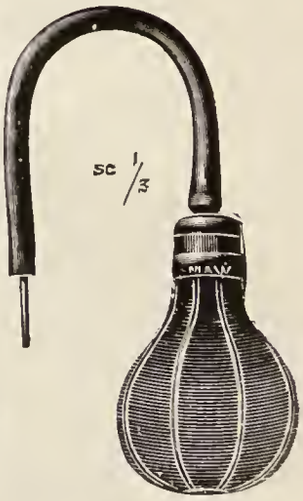
01552

01552 **Syringe Pipe,** Rose's, with tapering mount to fit any tubing 0 1 6

01553



01554



01555

Syringes—

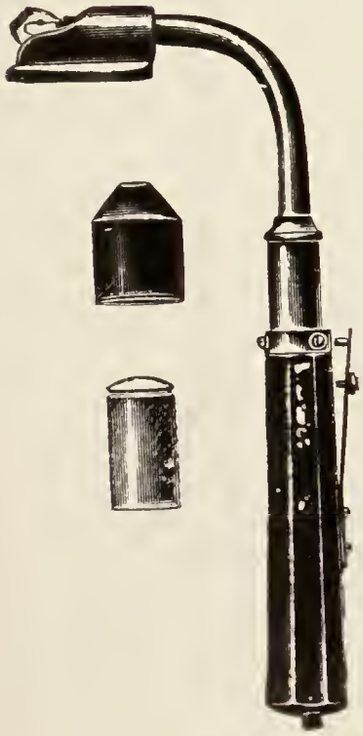
01553	Lennox Browne's, india-rubber	0	4	6
01554	Christopher Heath's, india-rubber, with silver pipe	0	8	6
01555	Symonds's, 2 oz.	0	4	6

Antrum Instruments—Contd.—

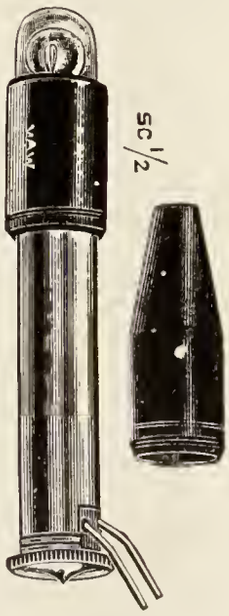
01556

01557

No.		£	s.	d.
	Syringes—Contd.—			
01556	Central London Throat Hospital	0	2	6
01557	Rose's, as used at St. Bartholomew's Hospital	0	4	0



01558



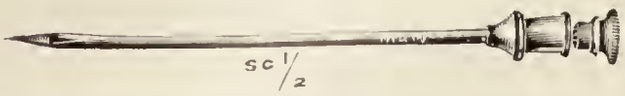
01559

01560

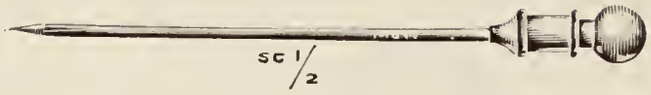
Trans-illuminators—

01558	Heryng's, for illumination of Antrum and Frontal Sinuses, etc., through mouth or orbit, complete in case, with spare lamp	2	5	0
	This lamp requires about 11 volts and 1·6 amperes.			
01559	Moure's	1	2	6
01560	Roberts's, for illuminating the two frontal sinus and antrum simultaneously	3	3	0
	This lamp requires about 4 volts and 1·6 amperes.			

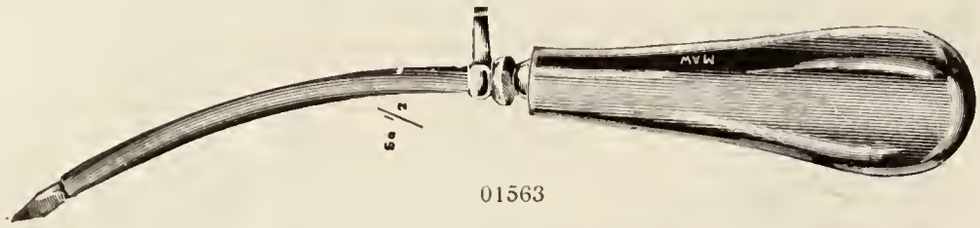
Antrum Instruments—Contd.—



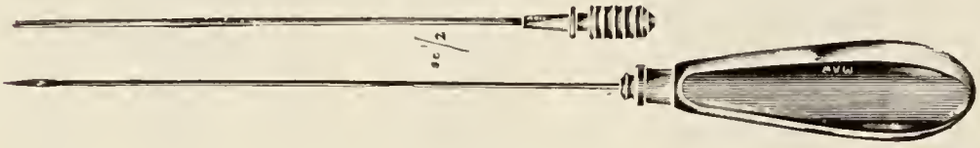
01561



01562



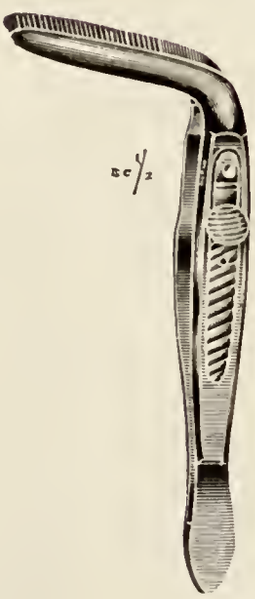
01563



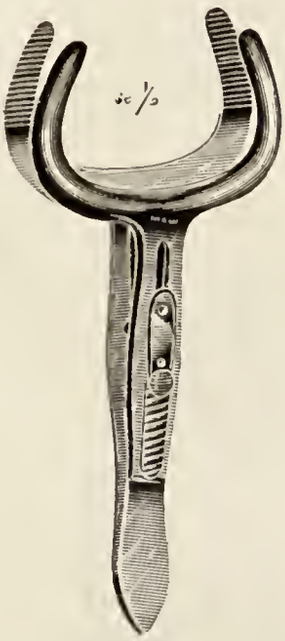
01564

No.		£	s.	d.
	Trocars, with metal handles—			
01561	Baber's	0	4	6
01562	Grunwald's	0	4	6
01563	Krause's, with canula and blunt pilot	0	10	6
01564	Lichtwitz's, with mount for tubing	0	7	6

HARE LIP INSTRUMENTS.



01565



01566

01567

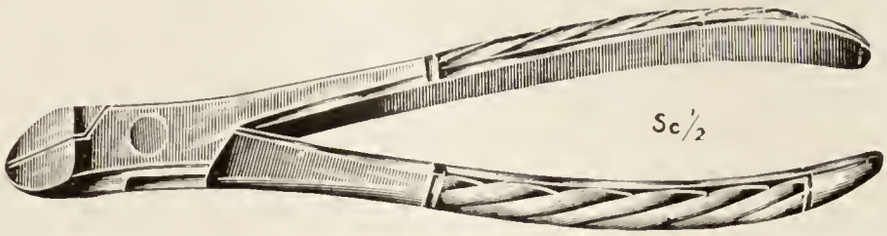
	Clamps—				
01565	Smith's, right and left	each	0	10	6
01566	Do. double		0	14	6
01567	With narrow blades		0	7	6

01568

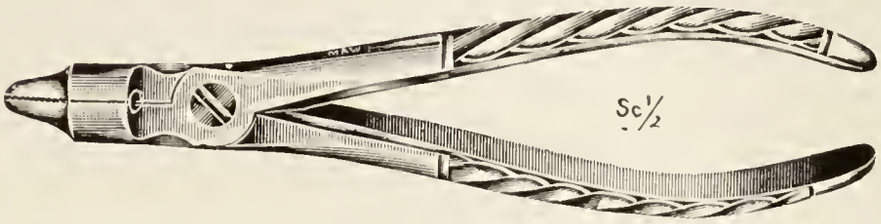
01570

	Pins—				
01568	Glass head, nickel-plated	per doz.	0	1	6
01569	Metal head, nickel-plated	,,	0	2	6
01570	Ring heads, with sharpened edges, nickel-plated ..	,,	0	1	6

Hare Lip Instruments—Contd.—



01571



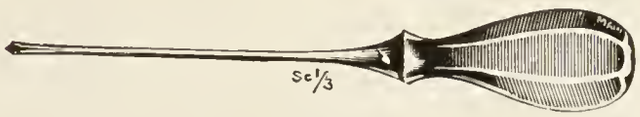
01572

No.		£	s.	d.
	Pincutters—			
01571	Angle on flat	0	7	0
01572	Straight, combined with pin holder..	0	7	6

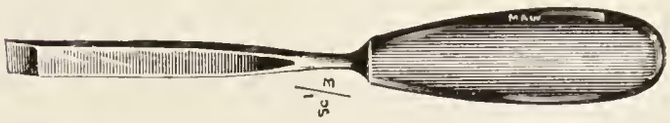
01573

01573	**Scalpel,** solid forged	0	2	6

CLEFT PALATE INSTRUMENTS.



01574



01575

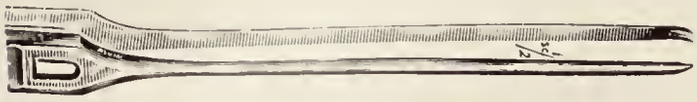
01574	**Awl,** straight	0	4	6
01575	**Chisel,** with rounded handle	0	4	0

01576

01579

	Forceps—			
01576	Tenaculum points	0	4	6
01577	Do. do., with catch	0	6	6
01578	Serrated points	0	4	6
01579	Do. do., with catch	0	6	6

Cleft Palate Instruments—Contd.—



01581

01582

01584

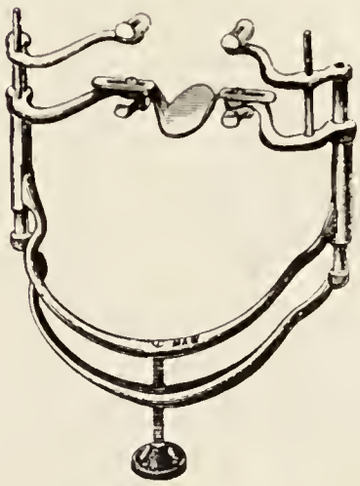
No.	**Forceps—Contd.—**	£	s.	d.
01580	Light pattern, tenaculum points	0	6	0
01581	Do. do. do. do., with catch	0	7	6
01582	Do. do. serrated points	0	6	0
01583	Do. do. do. do., with catch	0	7	6
01584	Mason's, with vulsellum points	0	6	6

01585

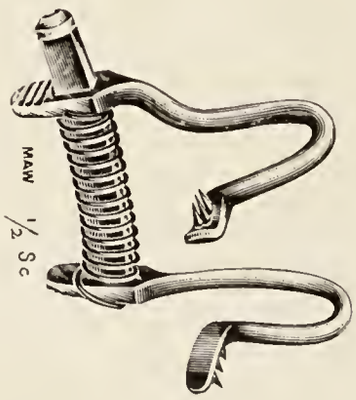
01585	Durham's, with compound joint	0	18	0

01586

01586	Lane's, 5¼ in.	0	4	0



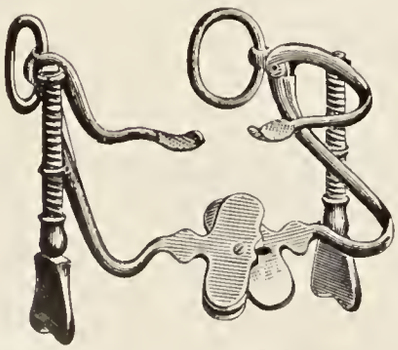
01587



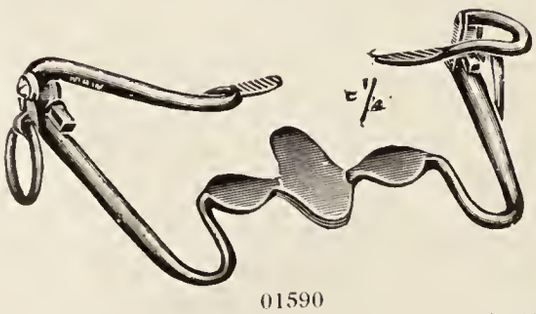
01588

Gags—

01587	Collins's..	2	0	0
01588	Lane's, 3 sizes, each right and left .. .. .. per pair	0	18	0



01589

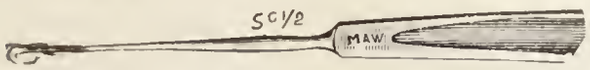


01590

01589	Smith's, with thumb screws..	1	15	0
01590	Do. with key	2	5	0

(For other Gags see pages 333 to 336).

Cleft Palate Instruments—Contd.—

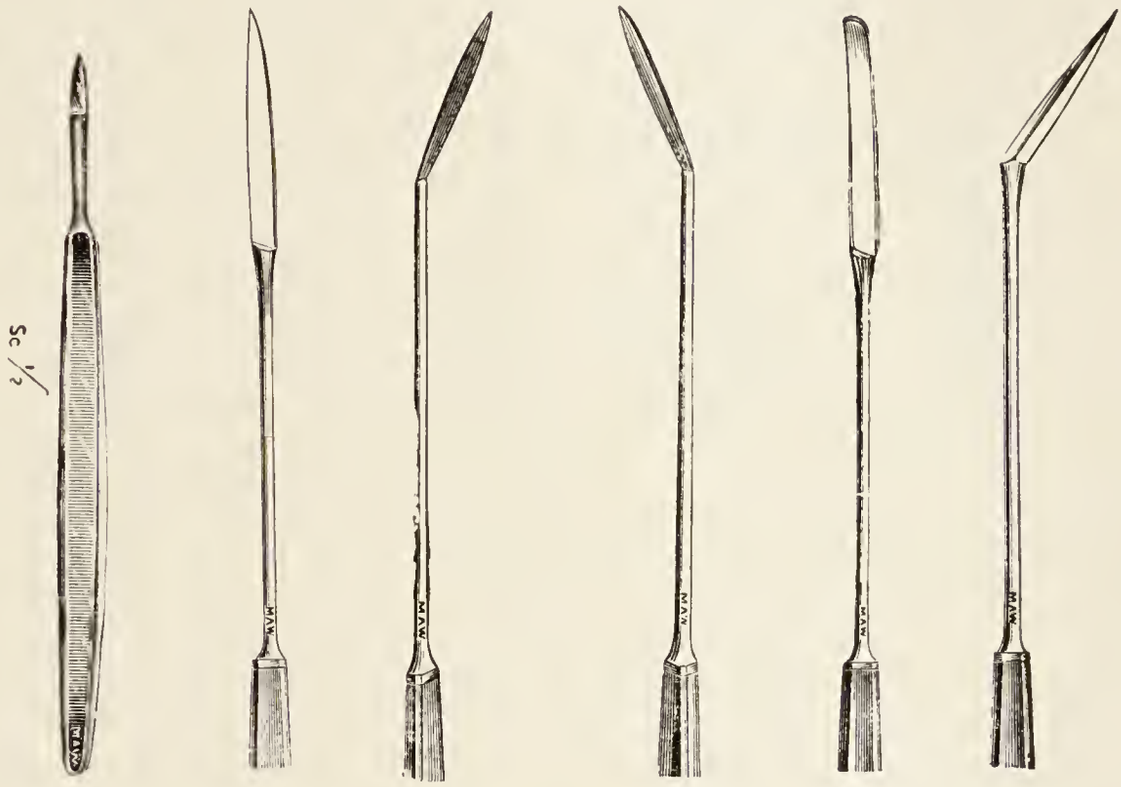


01591

01592

01594

No.	**Hooks,** solid forged—	£	s.	d.
01591	Blunt, single, Smith's..	0	4	6
01592	Sharp, double, Smith's	0	5	6
01593	Do. single, Smith's	0	4	6
01594	Screw, double	0	5	6



01595 01596 01597 01598 01599 01600

Knives, solid forged—

01595	Lane's	0	4	6
01596	Straight..	0	5	6
01597	Angular, right	0	6	0
01598	Do. left	0	6	0
01599	Blunt pointed	0	5	6
01600	Smith's, double edged	0	6	6

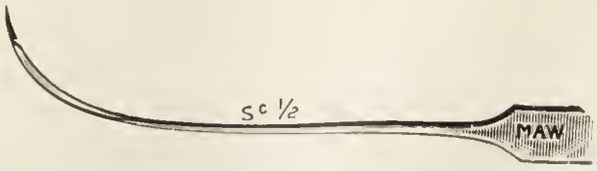
01601

01601	Fergusson's, rectangular, 2 sizes .. .. each	0	6	6

01602

Needles, in handles, solid forged—

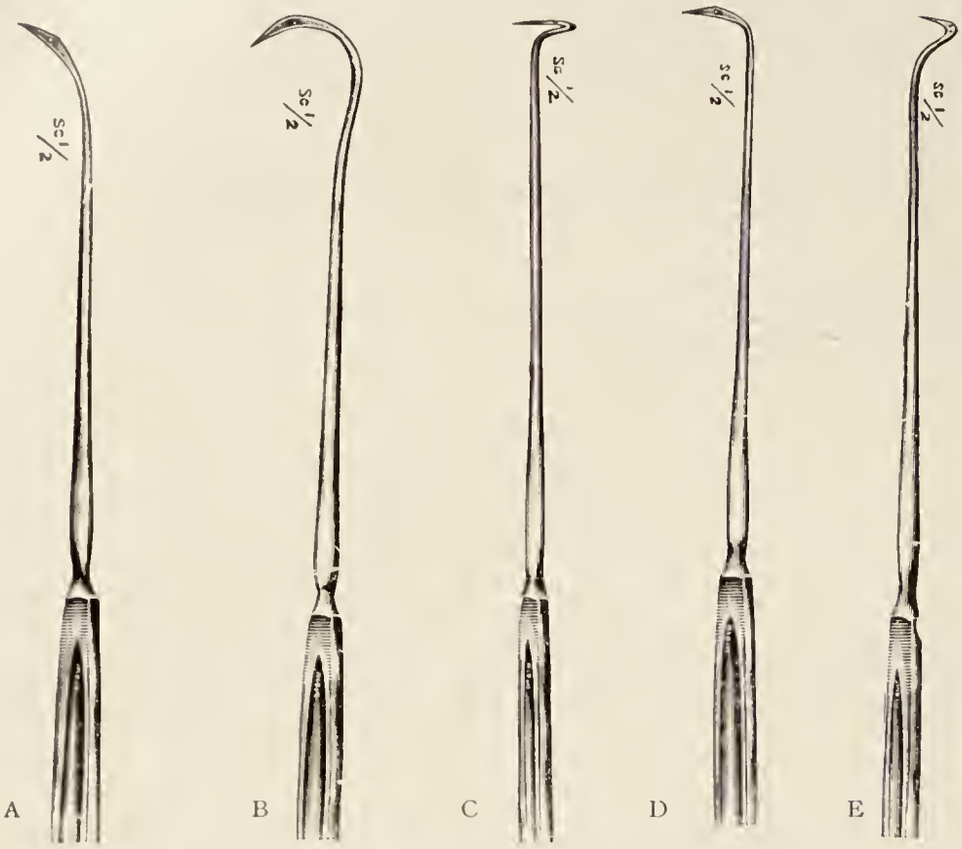
01602	Bailey's	0	6	0



01603

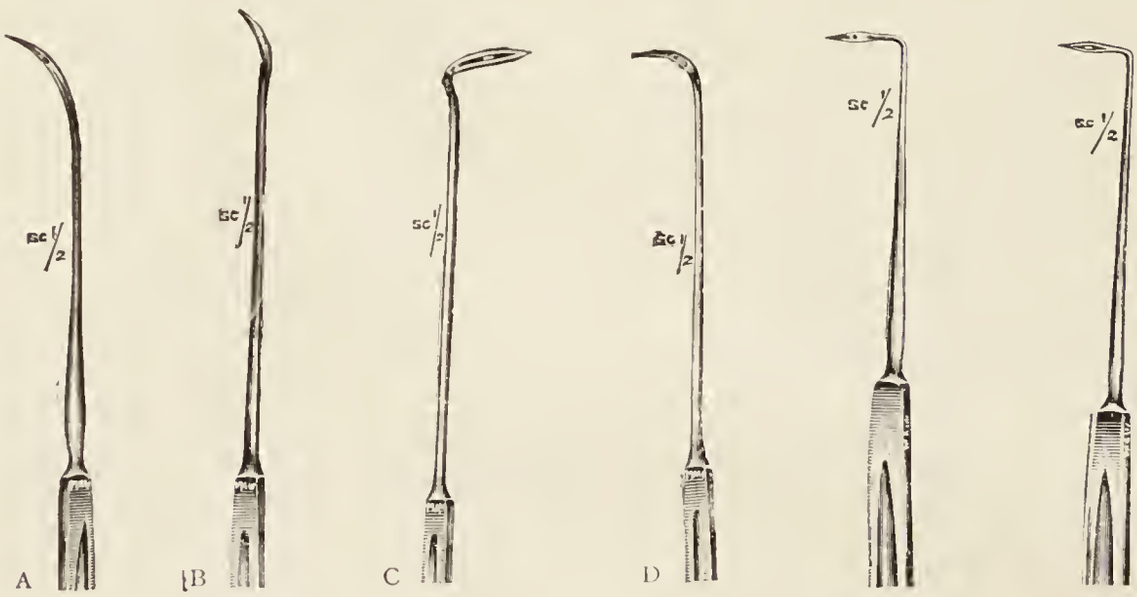
01603	Fitzgerald's, slot eye, one to pass and the other to catch sutures per pair	0	10	6

Cleft Palate Instruments—Contd.—



01604

No.		£	s.	d.
	Needles, in handles, solid forged—**Contd.**—			
01604	Durham's, various curves, A, B, C, D and E .. .. each	0	6	0



01605 01606 01607

01605	Fergusson's, various curves, A, B, C and D .. .. each	0	6	0
01606	Smith's, rectangular, straight	0	5	0
01607	Do. do., curved	0	5	0

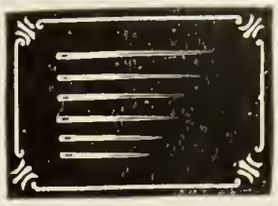
01608

01608	Smith's, tubular, with set of 12 needles in case..	3	3	0

Cleft Palate Instruments—Contd.—

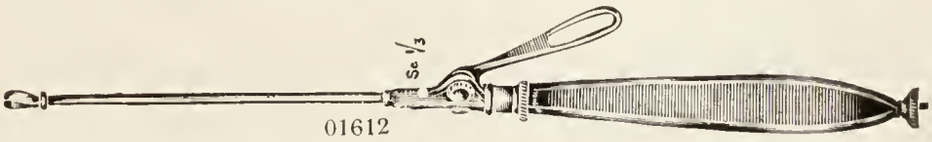
01609

01610



01611

No.		£	s.	d.
	Needles, for use in holders—			
01609	Lane's, curved, in packets of ½ doz., assorted sizes per doz.	0	2	6
01610	Do. extra curved .. .. ,,	0	2	6
01611	Do. straight, in packets of ½ dozen, assorted sizes ,,	0	2	6



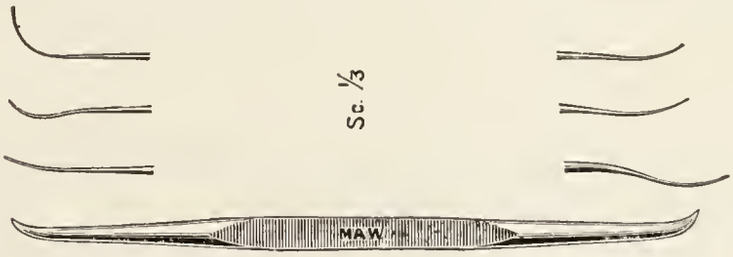
01612

01612	**Needle Holder,** Lane's	1	0	0

01614

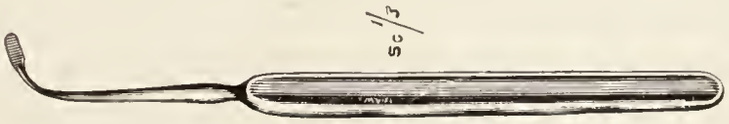
01615

	Raspatories, solid forged—			
01613	Durham's, broad, sharp or round-pointed, various curves each	0	4	0
01614	Do. narrow, do. do. do. ,,	0	4	0
01615	Do. angular, right and left .. .. .. per pair	0	10	0



01616

01616	Lane's, set of 4, various curves .. ..per set	0	18	0



01617

01617	Rose's, curved, right and left .. .. each	0	4	6

01618

01618	Smith's, flattened on one side	0	5	6

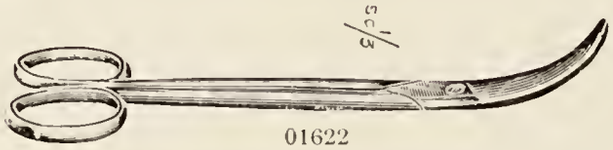
01619

01620

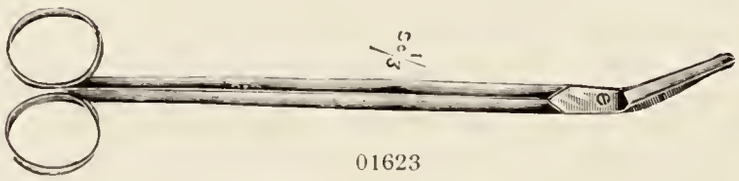
01619	St. Thomas's pattern, narrow	0	5	6
01620	Wood's, broad	0	5	6

Cleft Palate Instruments—Contd.—

01621

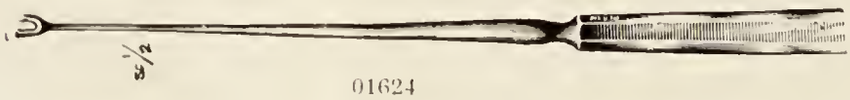


01622

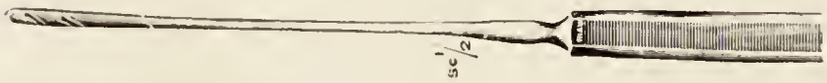


01623

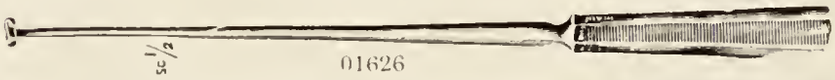
No.		£	s.	d
	Scissors—			
01621	Angular, light pattern, Smith's, 8 in.	0	5	6
01622	Curved on flat (extra curved), 6½ in.; useful also as a raspatory	0	7	6
01623	Elbow curved	0	5	0



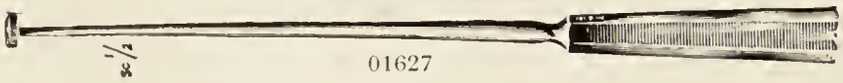
01624



01625



01626



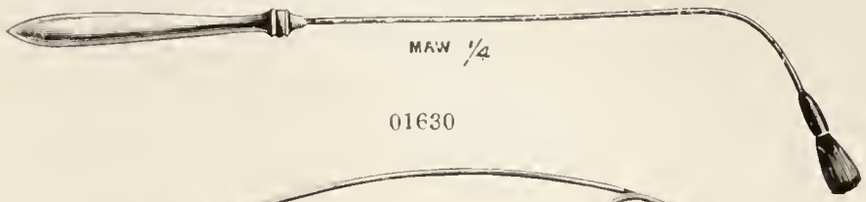
01627

01624	**Suture Adjuster,** solid forged	0	5	0
01625	**Suture Catcher,** solid forged	0	5	0
	Suture Twisters, solid forged—			
01626	"Figure of eight"	0	5	6
01627	H-shape	0	5	6
01628	**Teat for Feeding Bottle,** with protector to occlude the opening in the palate	0	0	9
01629	**Set of Instruments for Cleft Palate and Hare Lip Operations,** consisting of—			

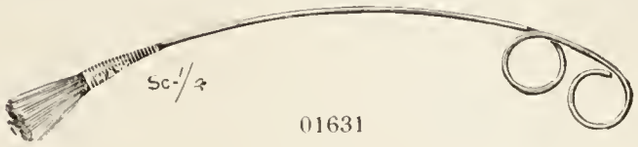
Forceps, tenaculum points, with catch	1
Do. serrated do. do.	1
Gag, Smith's (No. 01589)	1
Hooks, blunt (No. 01591)	2
Do. sharp	1
Knife, straight (No. 01596).. ..	1
Do. angular, right (No. 01597) ..	1
Do. do. left (No. 01598) ..	1
Do. straight, blunt pointed (No. 01599)	
Needle, Smith's, rectangular (No. 01606)	1
Needle, Smith's, rectangular (No. 01607)	1
Raspatories, double (No. 01618 and No. 01620)	2
Scissors (No. 01622)..	1
Suture Catcher (No. 01625).. ..	1
Do. Twister (No. 01627).. ..	1
Hare Lip Forceps (No. 01567) ..	2
Do. Scalpel (No. 01573) ..	1
Do. Pins, ring head	12
Pin Cutter (No. 01571)	1

Instruments fitted into aseptic metal case with metal racks .. 10 5 0

LARYNGEAL AND TONSIL INSTRUMENTS.

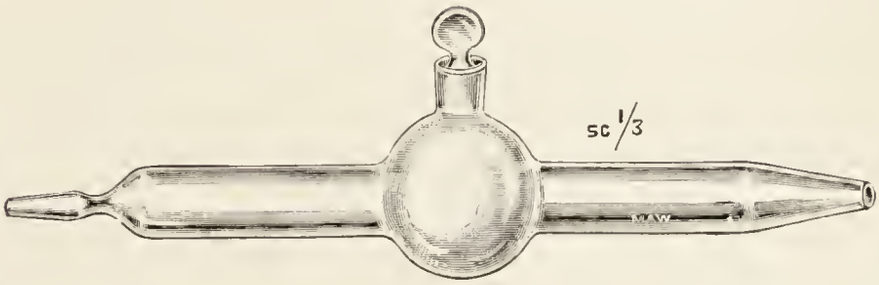


01630



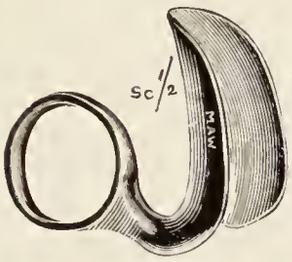
01631

No.	**Brushes—**	£	s.	d
01630	Wire stems, with wood handles and vulcanite mounted brushes per doz.	0	5	6
01631	Do. with loops, large or small .. .. ,,	0	1	6

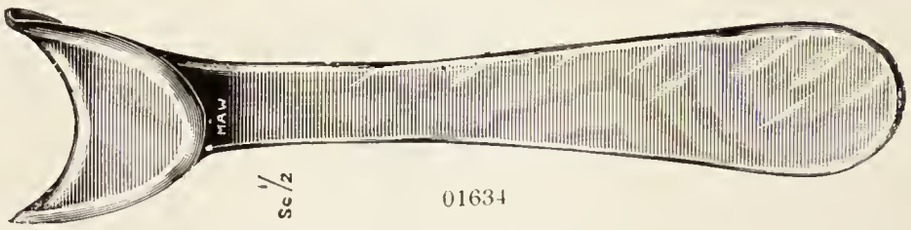


01632

01632	**Calomel Fumigator,** all glass	0	1	6



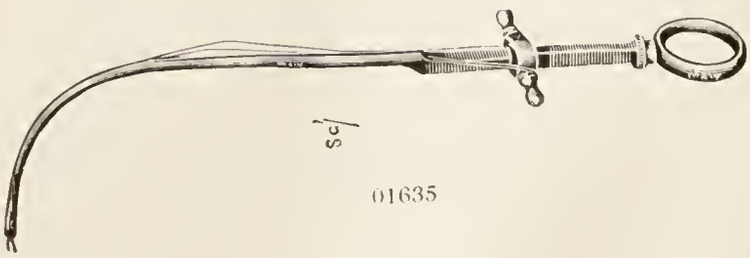
01633



01634

Cheek Retractors—

01633	Ring handle	0	3	0
01634	Long handle	0	6	0



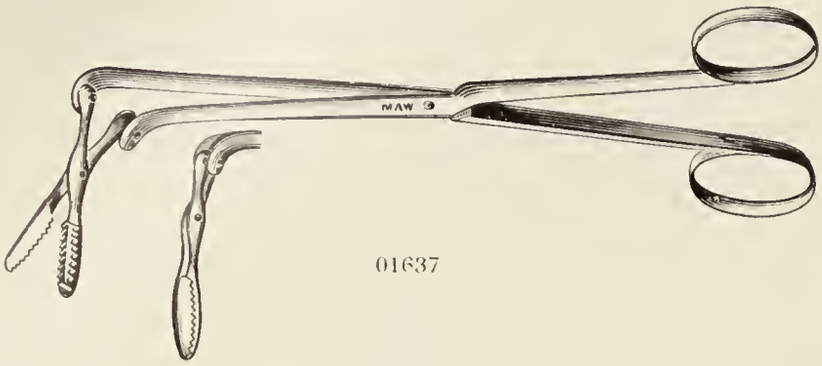
01635

Ecraseurs, Laryngeal—

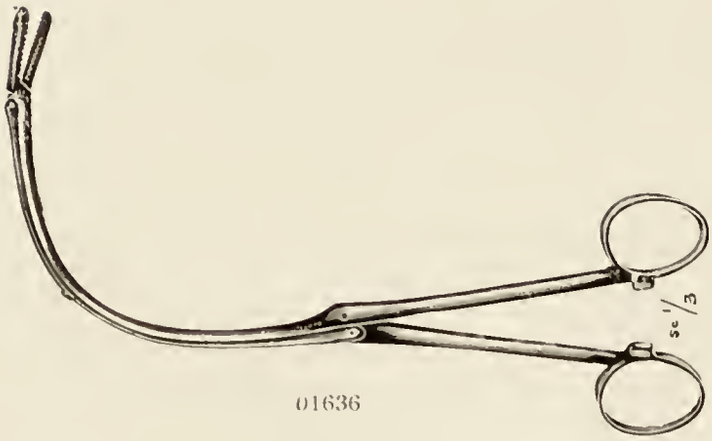
01635	Gibbs's	0	12	6

Galvanic (see page 513).

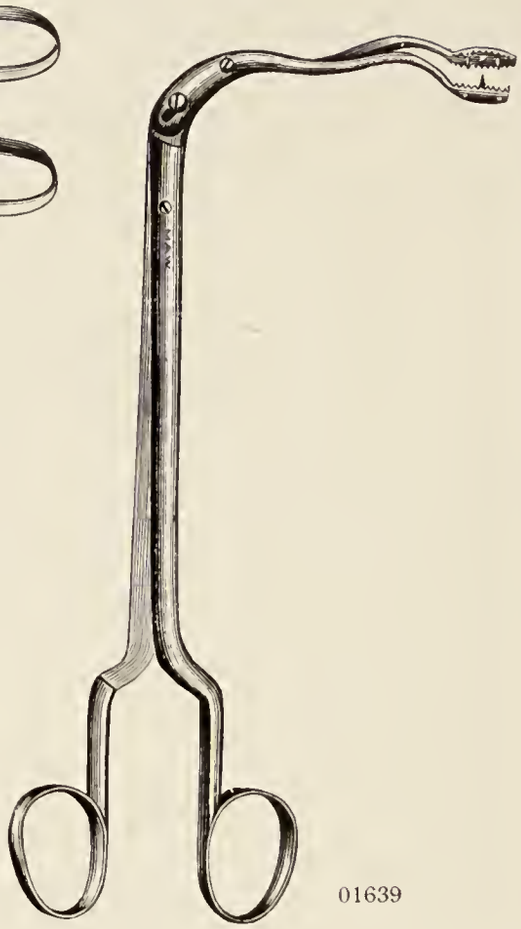
Laryngeal and Tonsil Instruments—Contd.—



01637

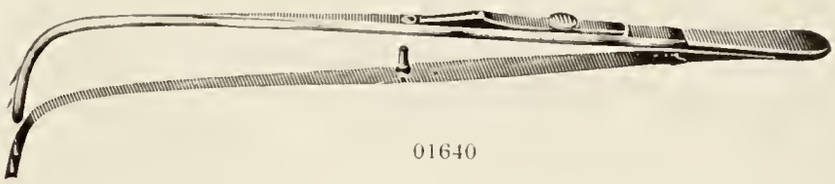


01636



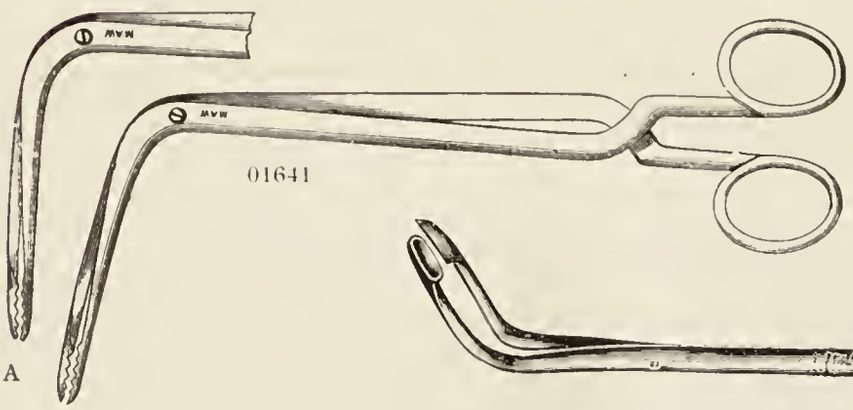
01639

No.		£	s.	d.
	Forceps, for the removal of Growths, Foreign Bodies, etc.—			
01636	Durham's, with alligator jaws	0	18	6
01637	Do. triple action	0	10	0
01638	Crocodile jaws	0	9	6
01639	Fauvel's, with compound joint, opening antero-posteriorly ..	0	18	0



01640

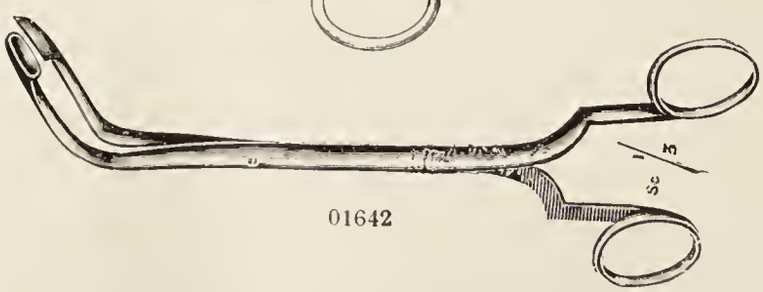
01640	Krause's, for cotton wool or sponge..	0	10	6



01641

A

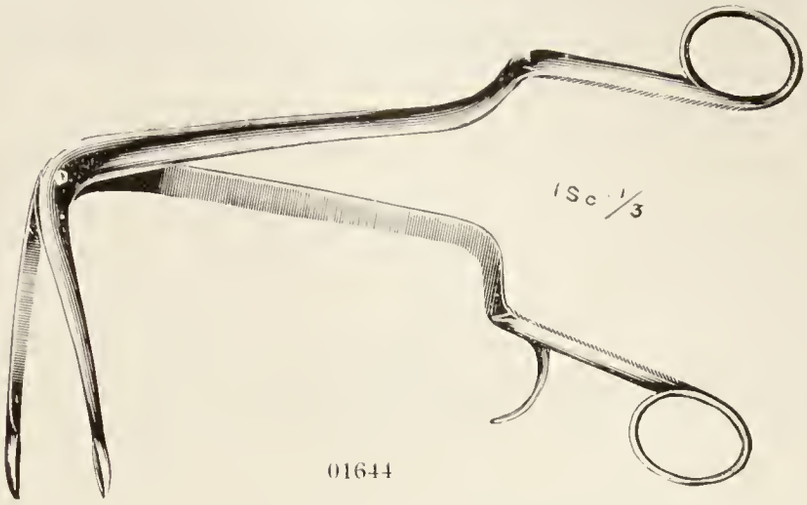
B



01642

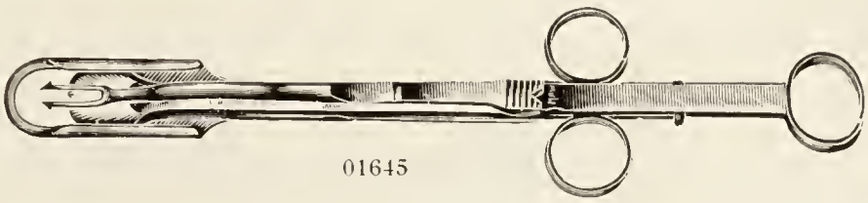
01641	Mackenzie's, to open antero-posteriorly, 2 curves, A and B	each	0	7	6
01642	Do. with cup jaws, to open laterally		0	7	6
01643	Do. with serrated jaws, to open laterally		0	7	6

Laryngeal and Tonsil Instruments—Contd.—



01644

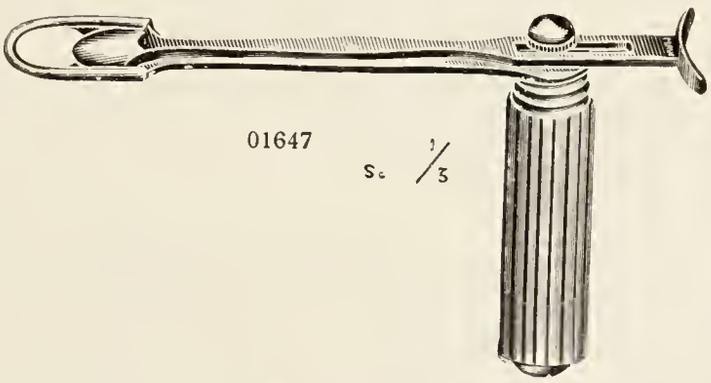
No.		£	s.	d.
	Forceps—Contd.—			
01644	Mackenzie's, improved	0	10	0



01645

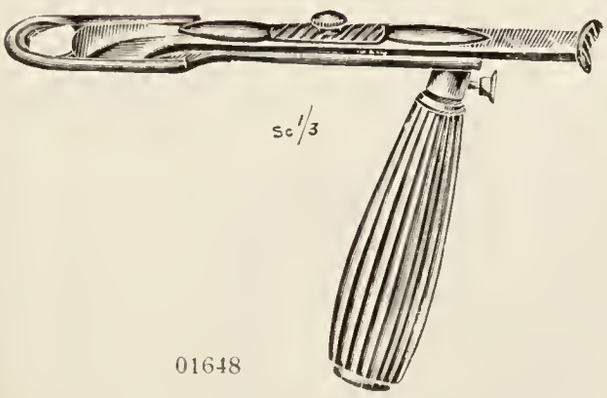
Guillotines—

01645	Beehag's, 3 sizes	each	1	8	0
01646	Biggs's, as No. 01649, but shorter and with oval foramen	,,	1	4	6

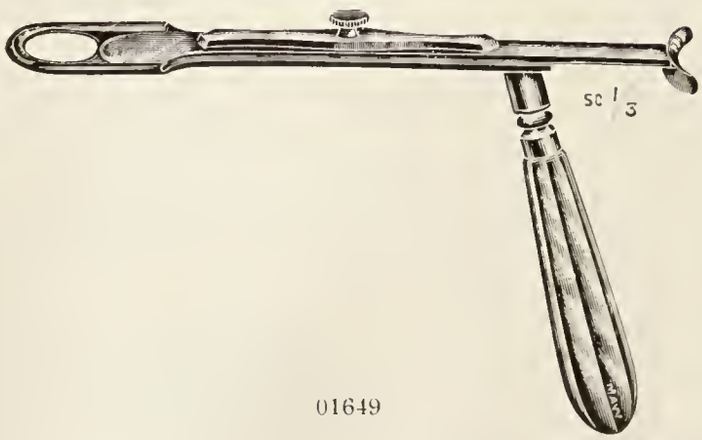


01647

01647	**Heath**'s (Charles), with metal handle, 3 sizes	each	1	7	6



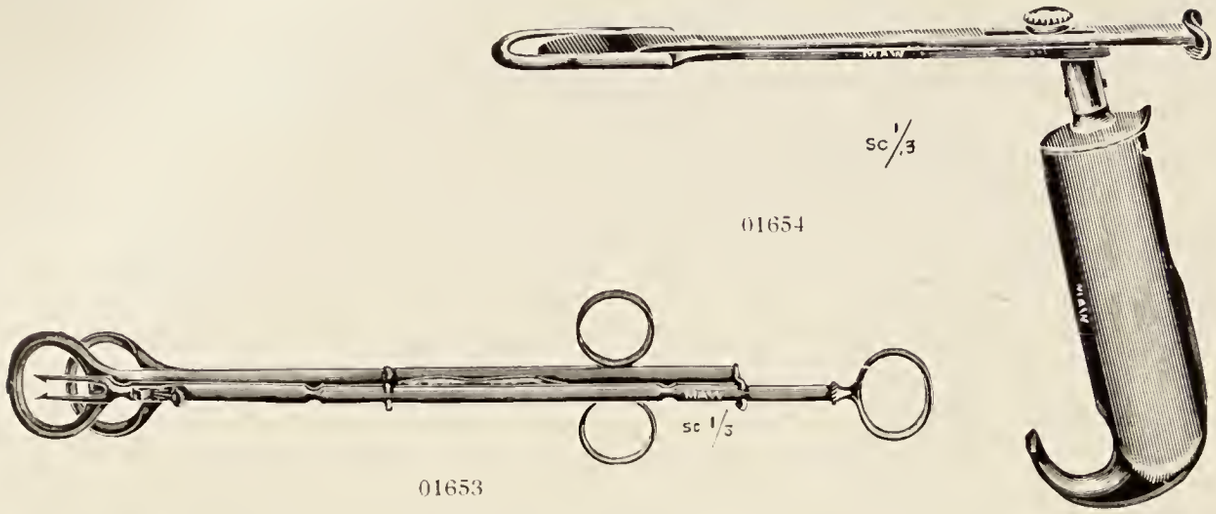
01648



01649

01648	Kelson's, with metal handle, 3 sizes	each	1	6	6
01649	Mackenzie's, with metal handle, 3 sizes	..	1	4	6
01650	Do. with reversible handle, suitable for either side	..	1	9	6
01651	Do. set of 3, fitting one handle, in leather case..	..	3	5	0
01652	Do. with handle to fix at three different angles..	..	1	5	0

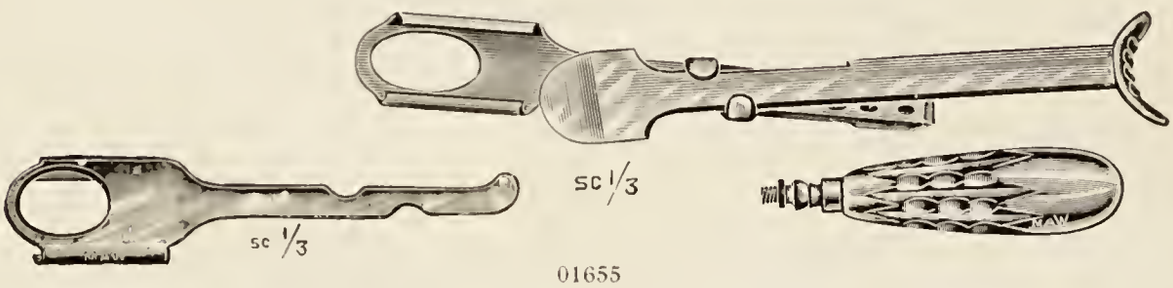
Laryngeal and Tonsil Instruments—Contd.—



01654

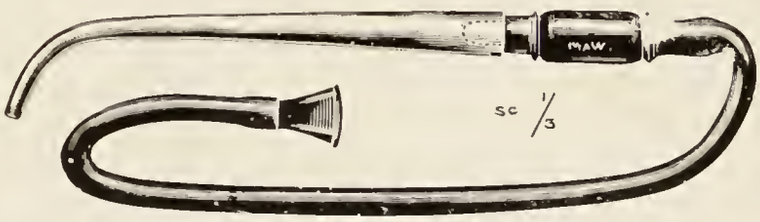
01653

No.		£	s.	d.
	Guillotines—Contd.—			
01653	Mathieu's, French pattern, 4 sizes .. .. each	1	10	0
01654	Stuart Low's, 3 sizes, $1\frac{3}{4}$ in., $1\frac{5}{8}$ in., and 1 in. .. .. ,,	1	14	6



01655

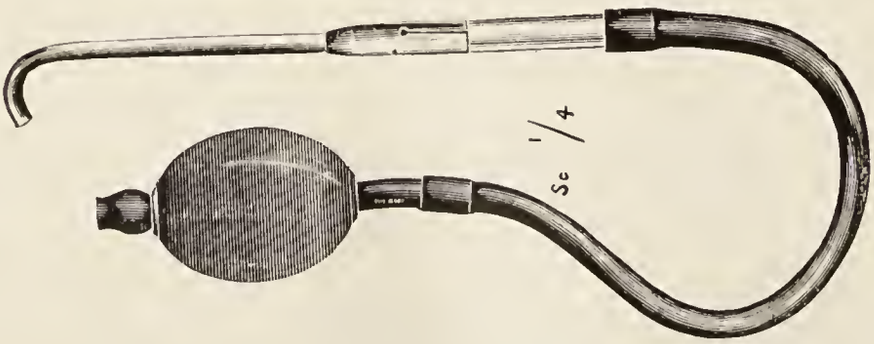
01655	Maw's Registered (No. 584505), to take apart, with handle to fix at 3 different angles, 3 sizes .. .. each	1	6	0
01656	**Guillotine Sheath,** to reduce the size of the opening	0	3	0



01657

Insufflators—

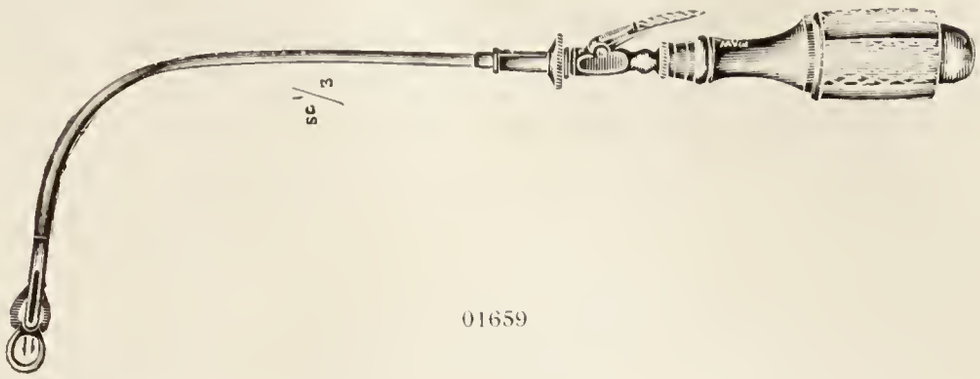
01657	Greville Macdonald's, with vulcanite mounts and aluminium delivery tube	0	6	6



06158

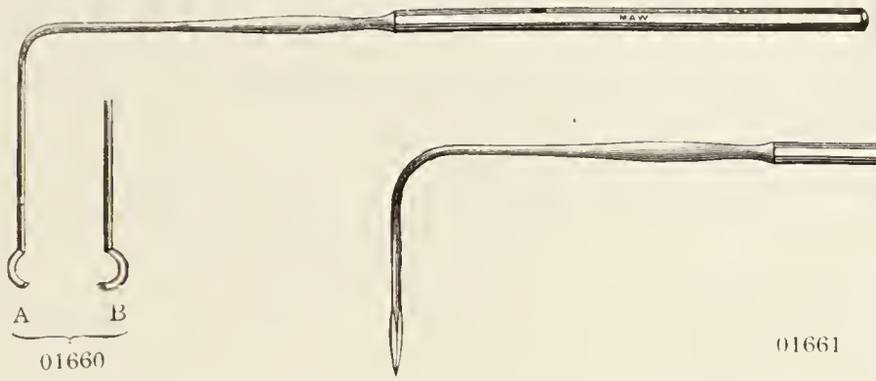
01658	Heath's (Charles), with plated delivery tube	0	5	0

Laryngeal and Tonsil Instruments—Contd.—



01659

No.		£	s.	d.
01659	**Laryngeal Guillotine,** for the removal of Polypi..	1	10	0



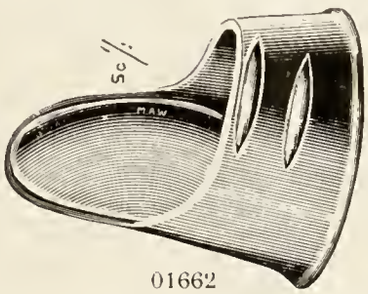
A B

01660

01661

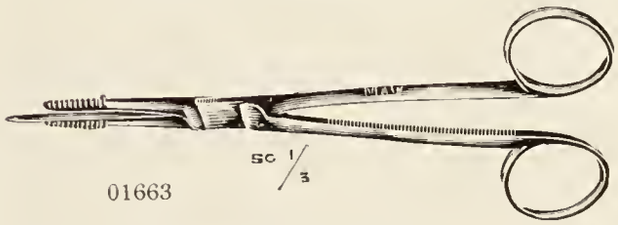
Laryngeal Lancets, solid forged—

01660	Sickle shape, anterior cutting (A) or posterior cutting (B) each	0	5	0
01661	Sharp pointed, Tobold's	0	5	0

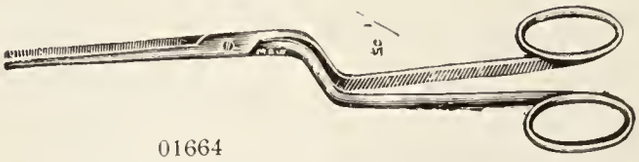


01662

01662	**Mouth Speculum,** Gutch's, 5 sizes .. .. each 2/-; per set	0	9	0



01663



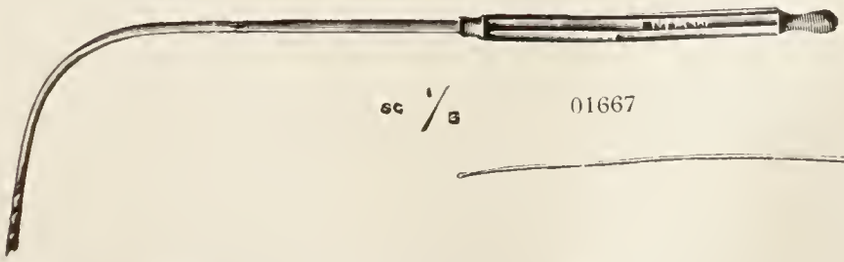
01664

Peritonsilar Forceps—

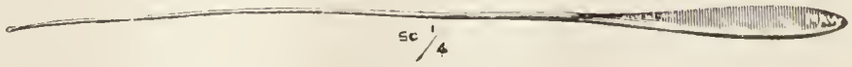
01663	Fitzgerald's	0	7	0
01664	St. Clair Thomson's, with crank handles	0	5	6
01665	Do. do., with trocar points	0	5	6

01666

01666	**Pharyngeal Bistoury,** Mackenzie's, solid forged..	0	5	6



01667

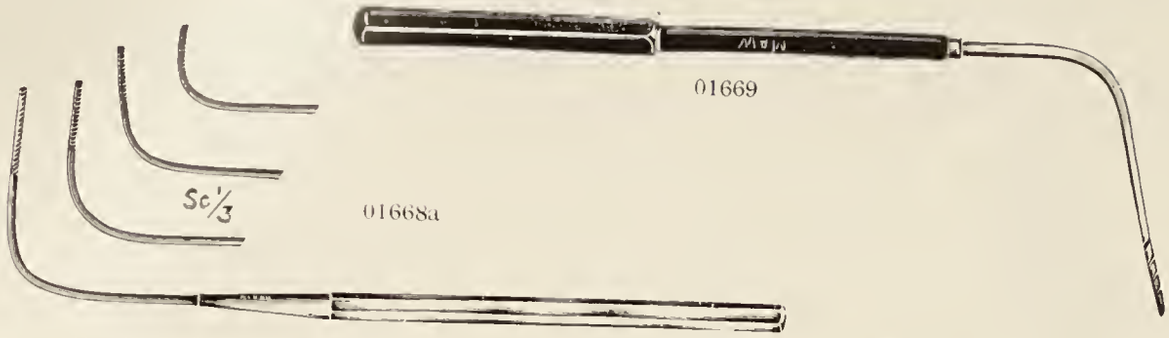


01668

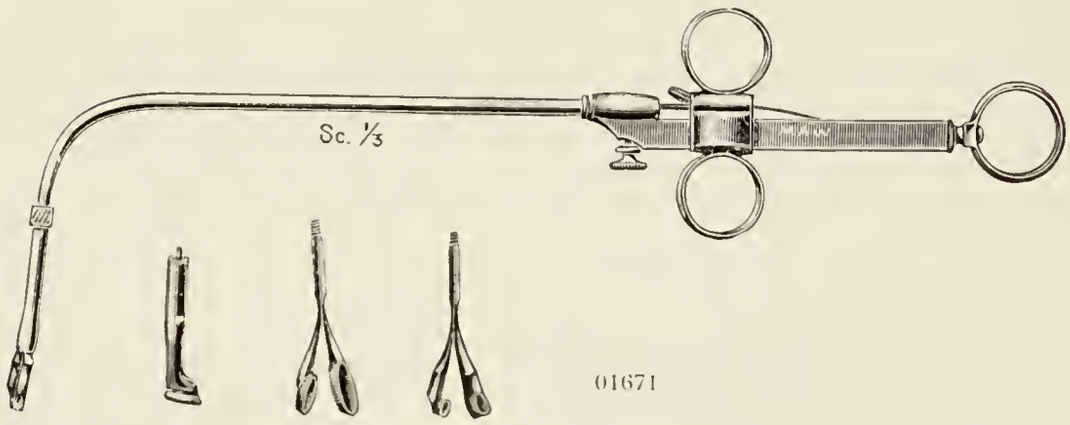
Probes, for the application of wool, etc.—

01667	Bronner's, aluminium..	0	2	6
01668	Fränkel's, flexible copper	0	4	0

Laryngeal and Tonsil Instruments—Contd.—

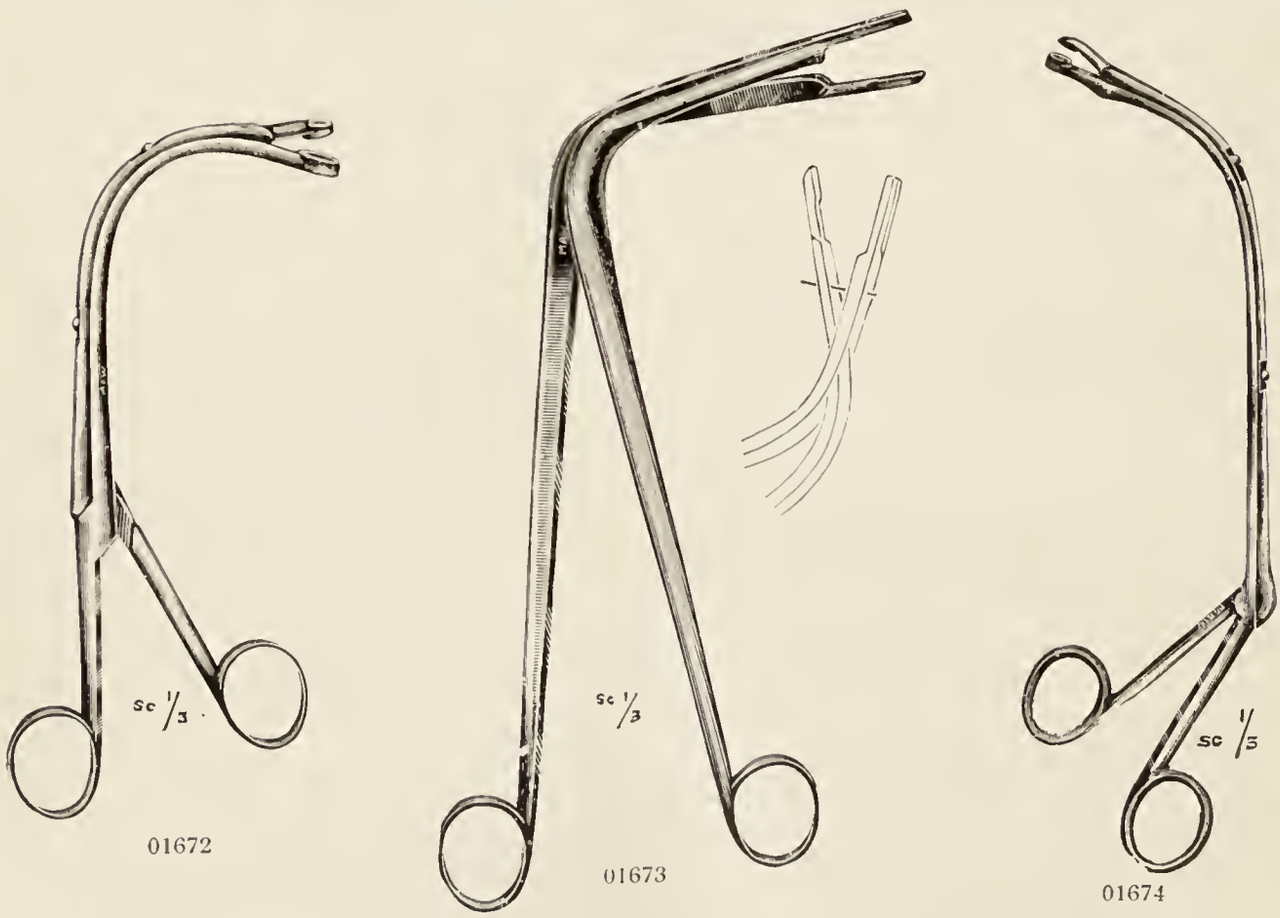


No.	**Probes,** for the application of wool, etc.—**Contd.**—	£	s.	d.
01668a	Charles Heath's, 4 curves, for Larynx, Fauces, Posterior Nares and Pharynx .. .. each, 2/6 ; per set	0	9	6
01669	Mackenzie's, aluminium, pliable	0	1	9
01670	Tobold's	0	3	6



Punch—

01671	Krause's, with 4 interchangeable ends	3	0	0



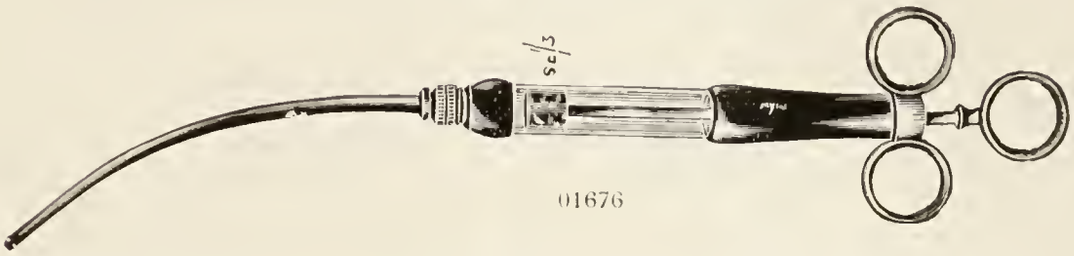
Punch Forceps, Laryngeal—

01672	Juracz's..	1	11	6
01673	Mendoza's, with fenestrated shanks, through which the operator can obtain a view of the larynx	1	10	0
01674	Lake's	1	4	0

Laryngeal and Tonsil Instruments—Contd.—

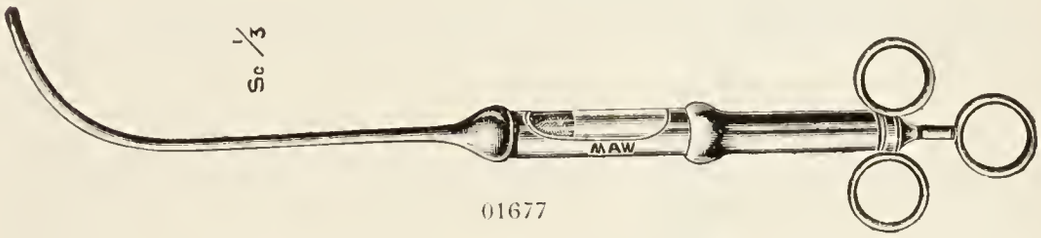
01675

No.		£	s.	d.
	Syringes—			
01675	Bronner's, glass, with soft metal pipe	0	2	0



01676

01676	Colin Campbell's, vulcanite and glass, for intra-tracheal injections of Izal, etc., ...	0	3	6

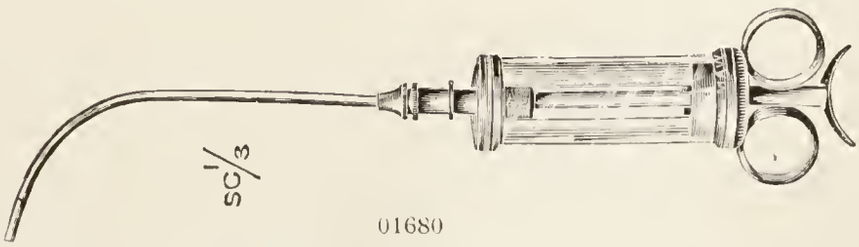


01677

01677	Colin Campbell's, improved model, nickel-plated, for intra-tracheal injections of Izal	0	12	6
01678	Fränkel's, with laryngeal and nasal pipe..	0	3	6

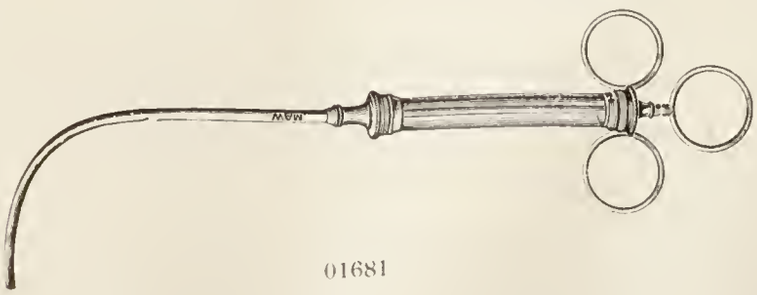
01679

01679	Flexible pipe, silver mounted	0	7	6



01680

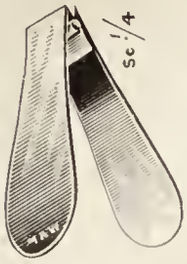
01680	Lake's, graduated, with two pipes..	0	17	6

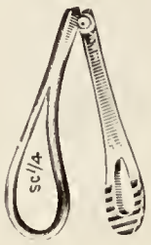


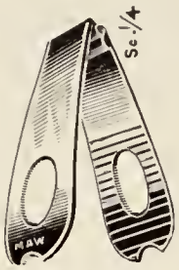
01681

01681	Tobold's, glass, with plated mounts and silver pipe, in case ..	0	13	6

Laryngeal and Tonsil Instruments—Contd.—

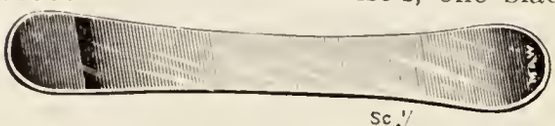

01682


01684


01685

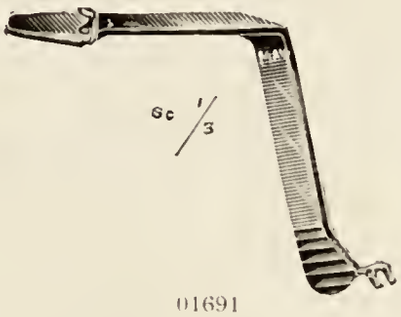
01686

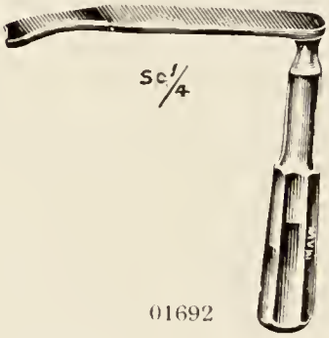
No.	Tongue Depressors—	£	s.	d.
01682	Folding, Laycock's, plated, with gilt tips	0	5	6
01683	Do. do., white metal	0	2	6
01684	Do. Fenestrated, one blade serrated	0	3	9
01685	Do. Hollis's	0	6	3
01686	Do. Wise's, one blade folding within the other	0	3	0


01687

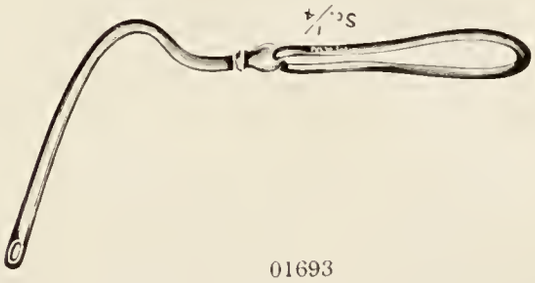
01688

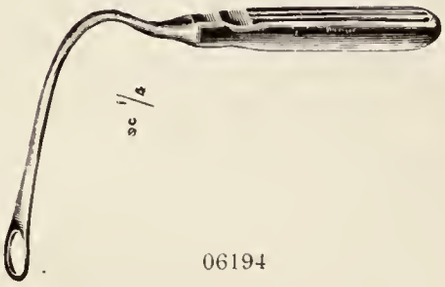
01687	Flat, with curved extremities, plated	0	2	0
01688	Curved, glass, plain .. .. per doz.	0	6	0
01689	Do. do., with coloured ends .. .. .. ,,	0	10	0
01690	Do. aluminium, 2 sizes .. .. ,,	0	8	0


01691

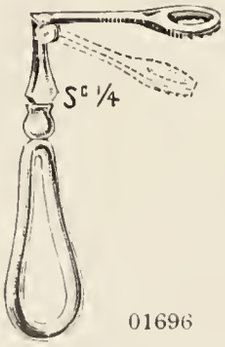

01692

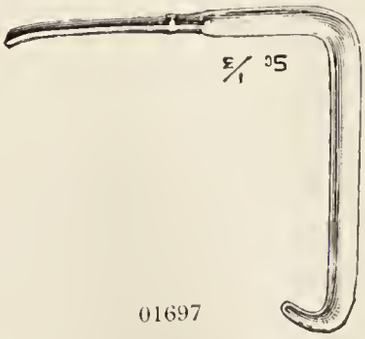
01691	Creswell Baber's, with hook for anterior pillar of fauces, double ended for right or left side	0	6	6
01692	Kirstein's, with metal handle	0	4	6

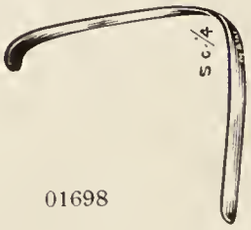

01693


06194

01693	Fränkel's	0	3	0
01694	Do. Heath's modification	0	5	6
01695	Do. Jobson Horne's modification	0	4	6


01696


01697


01698

01696	Folding, nickel-plated..	0	2	0
01697	Kelson's, glass	0	1	3
01698	Lack's, angular, with curved end, 2 sizes .. .. .. each	0	2	6

Laryngeal and Tonsil Instruments—Contd.—

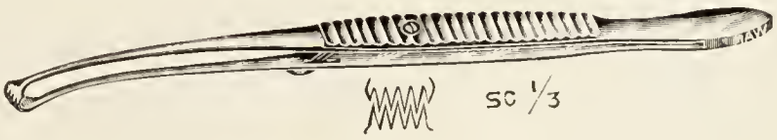
No.		£	s.	d.
	Tongue Spatulæ (for illustration see page 75)—			
01699	Plated, 5 in.	0	1	3
01700	Silver, 5 in.	0	7	0
01701	White metal, 5 in.	0	1	0
01702	Wood, in boxes of 8 doz. .. .. per box	0	1	6

Nickel-plated holder for ditto, extra **6d.**

01703

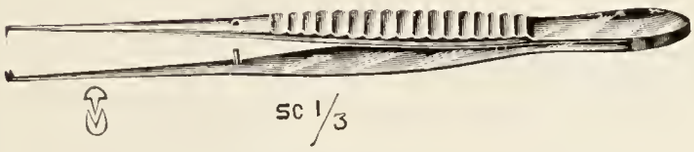
01704

	Tonsil Bistouries, solid forged—			
01703	Curved, with long blade	0	4	6
01704	Mackenzie's	0	6	0

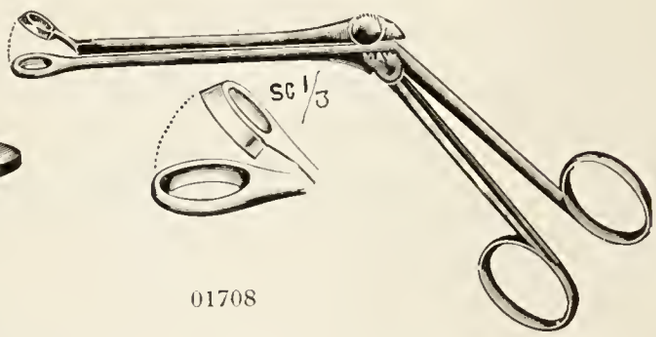


01706

	Tonsil Forceps—			
01705	Hope's, with claw teeth, straight or curved .. .. each	0	7	6
01706	Tilley's, spring catch, for passing through the loop of a guillotine	0	8	6



01707

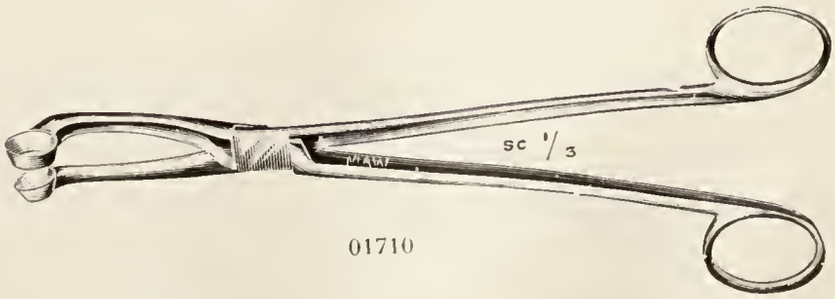


01708

01707	Waugh's, for dissecting the tonsil .. .. 5 in., **5/6**; 7 in	0	6	0
01708	Do. for the enucleation operation, for grasping the tonsil ..	1	8	0

01709

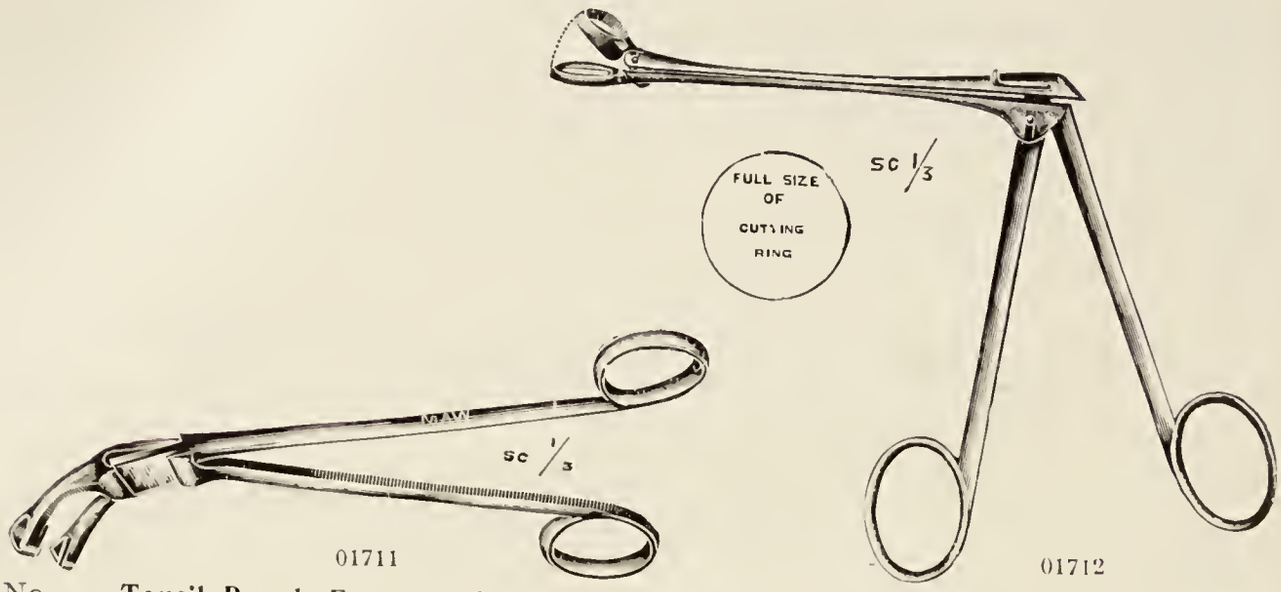
01709	**Tonsil Dissector,** Heath's	0	6	6



01710

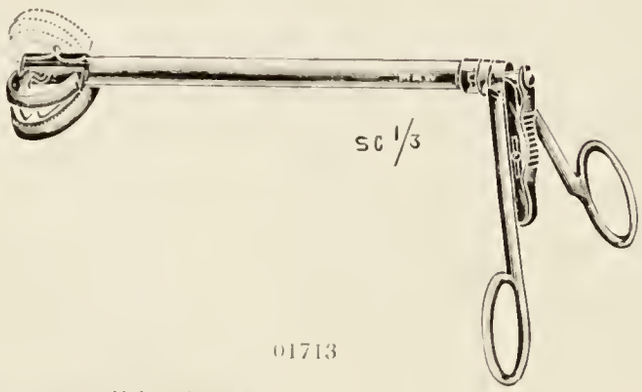
	Tonsil Punch Forceps—			
01710	Kretschman's	0	19	0

Laryngeal and Tonsil Instruments—Contd.—



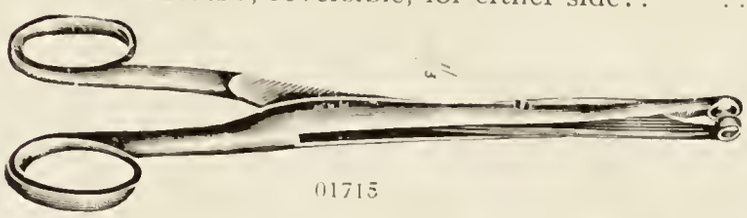
01711 01712

No.	**Tonsil Punch Forceps—Contd.—**	£	s.	d.
01711	Delaney's, disjointing	1	5	0
01712	Hartmann's	1	7	0

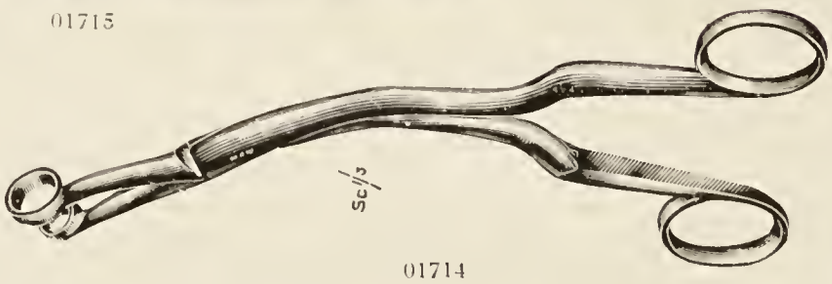


01713

01713	Roberts's, reversible, for either side..	0	9	0

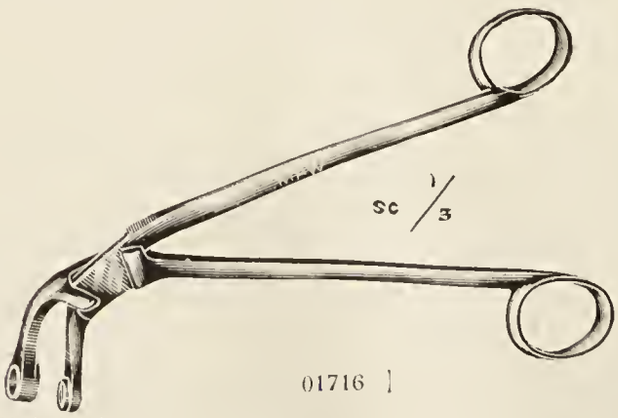


01715



01714

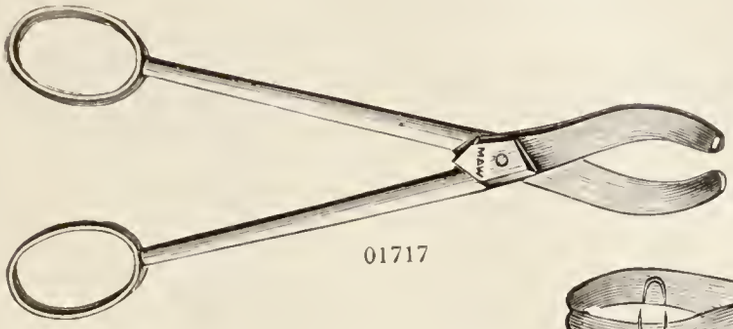
01714	Ruault's, curved	1	8	6
01715	Do. straight	1	8	6



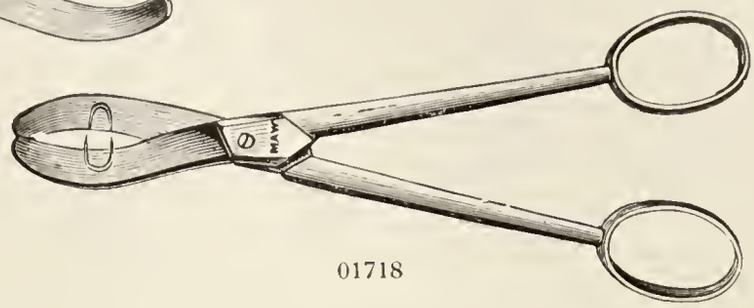
01716

01716	Tilley's, disjointing	0	19	6

Laryngeal and Tonsil Instruments—Contd.—

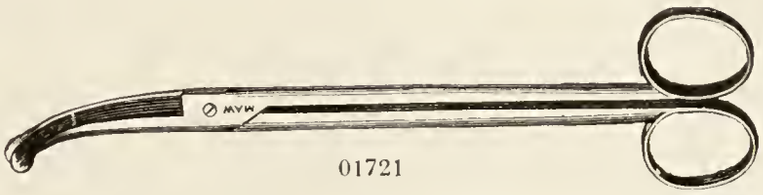


01717



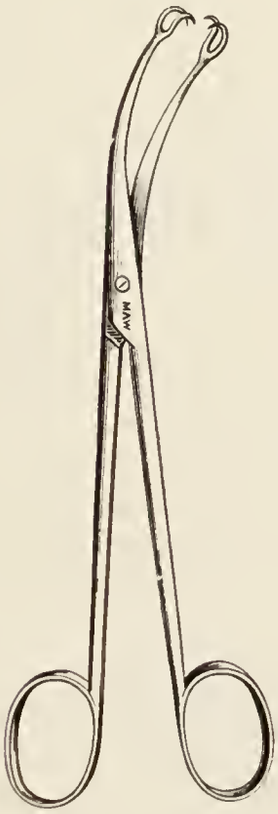
01718

No.	**Tonsil Scissors—**	£	s.	d.
01717	Erichsen's	0	12	0
01718	Do. with hooks	0	13	6
01719	**Tonsil Sickle,** James's	0	7	6

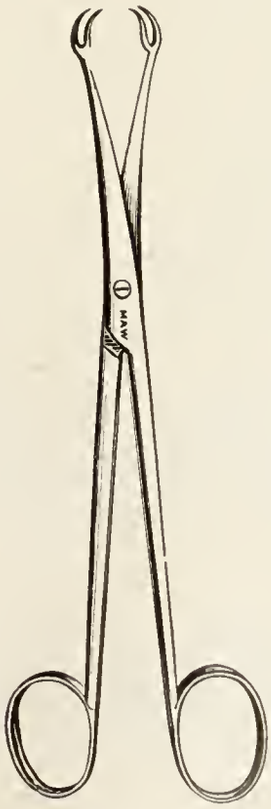


01721

	Uvula Scissors—			
01720	Lennox Browne's	0	8	6
01721	Thomas's	0	7	0



01722

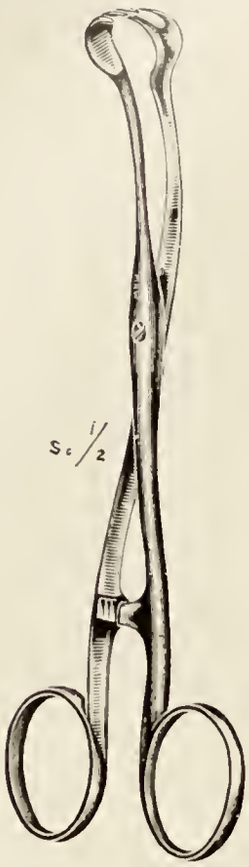


01724

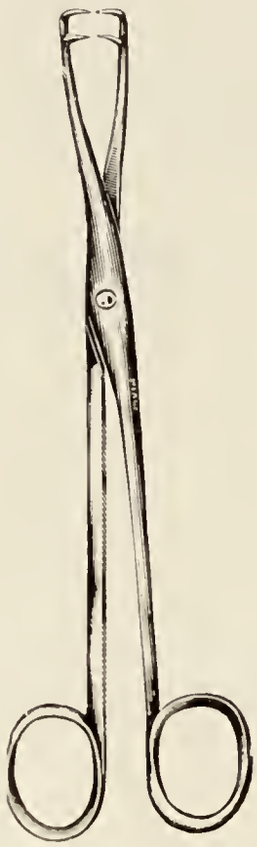
01726

	Volsella—			
01722	Curved, with screw joint	0	6	0
01723	Do. disjointing	0	7	6
01724	Straight, with screw joint	0	6	0
01725	Do. disjointing	0	7	6
01726	Double action	0	13	6

Laryngeal and Tonsil Instruments—Contd.—



01727

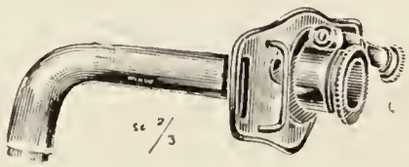


01728

01729

No.		£	s.	d.
	Volsella—Contd.—			
01727	" Hawk's Claw," with catch	0	7	6
01728	With teeth at back	0	7	6
01729	Blagdon-Richard's, with teeth at side	0	15	0

INSTRUMENTS FOR TRACHEOTOMY AND LARYNGOTOMY, Etc.,



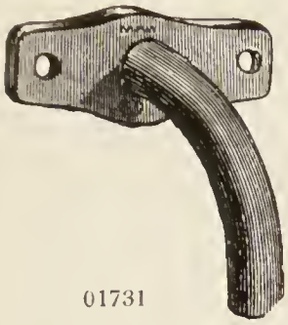
01730

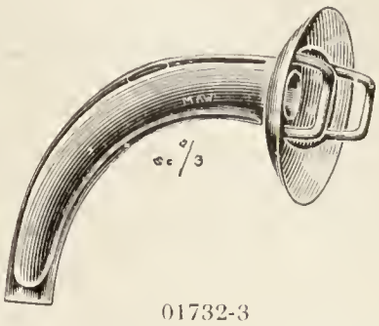
***Canulæ or Tracheotomy Tubes—**

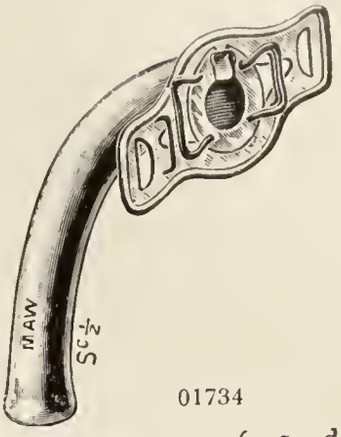
No.		£	s.	d.
01730	Durham's " Lobster-tail," silver, with vertebrated inner tube, and vertebrated pilot, 8 sizes, No. 18, **27/-** ; No. 20, **29/-** ; No. 22, **31/-** ; No. 24, **33/-** ; No. 26, **35/-** ; No. 28, **37/-** ; No. 30, **39/-** ; No. 32	2	1	0

* The numbers of Tracheotomy Tubes denote the circumferences of the tubes in millimetres.

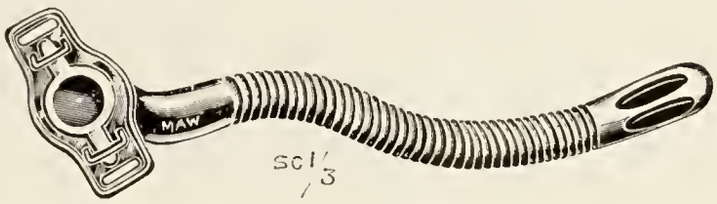
*Instruments for Tracheotomy and Laryngotomy—Contd.—


01731

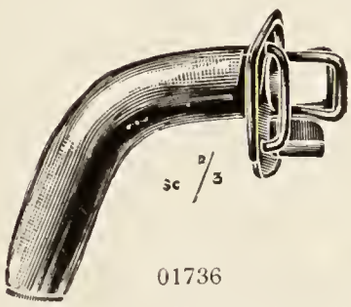

01732-3

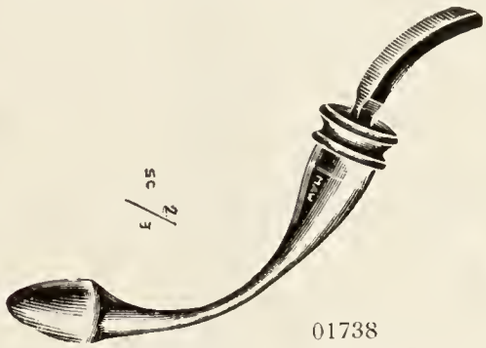

01734

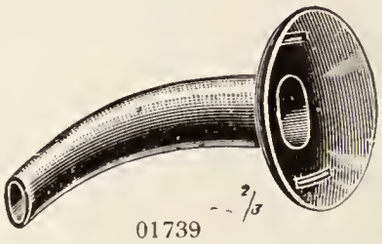
No.		£	s.	d
	***Canulæ or Tracheotomy Tubes—Contd.—**			
01731	Baker's, india-rubber with web foundation, 5 sizes .. each	0	3	3
01732	Fuller's, bivalve, plated, 8 sizes, Nos. 18, 20, 22, 24, 26, 28, 30 and 32 .. .. each	0	6	6
01733	Do. do., silver, 8 sizes, No. 18, **9/-**; No. 20, **9/6**; No. 22, **10/6**; No. 24, **11/6**; No. 26, **12/-**; No. 28, **13/-**; No. 30, **13/6**; No. 32..	0	14	6
01734	Trousseau's, silver, with bevelled end to prevent chafing of the trachea, 8 sizes, No. 18, **14/6**; No. 20, **15/-**; No. 22, **15/6**; No. 24, **16/6**; No. 26, **17/6**; No. 28, **18/6**; No. 30, **19/6**; No. 32	1	0	6


01735

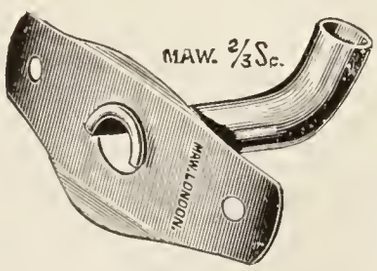
01735	König's, silver, flexible, 4 in. long, 3 sizes, Nos. 28, 30 and 32, each	0	18	6


01736

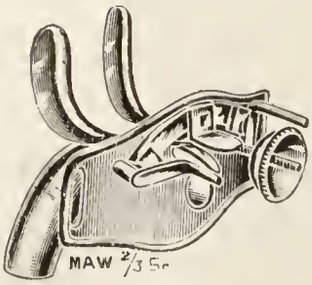

01738


01739

01736	Parker's, silver, 8 sizes, No. 18, **12/6**; No. 20, **13/6**; No. 22, **14/-**; No. 24, **15/-**; No. 26, **15/6**; No. 28, **16/-**; No. 30, **17/-**; No. 32	0	18	0
01737	Do., plated, 8 sizes, as above .. .. each	0	8	0
01738	Pilots for Parker's Tubes .. .. ,,	0	3	6
01739	**Canulæ, Laryngotomy,** silver, 3 sizes .. ..per set	0	17	6



01740



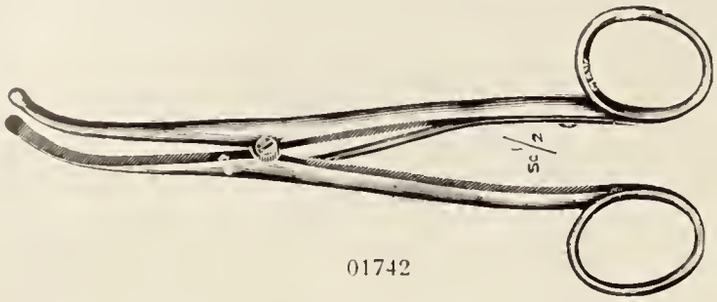
01741

Canulæ or Trachea Tubes for Stenosis—

01740	Harris's for passing from below the stenosis in an upward direction	0	10	0
01741	Stork's, plated	1	4	0

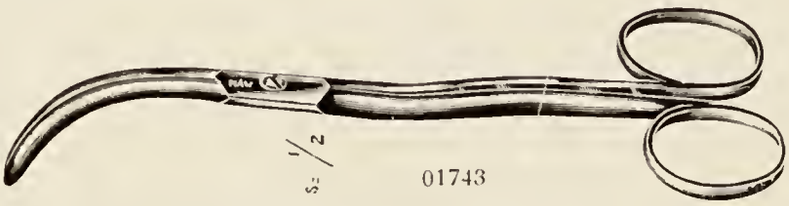
* The numbers of Tracheotomy Tubes denote the circumferences of the tubes in millimetres.

Instruments for Tracheotomy and Laryngotomy—Contd.—



01742

No.		£	s.	d.
	Dilators—			
01742	Caiger's, with spring	0	5	0

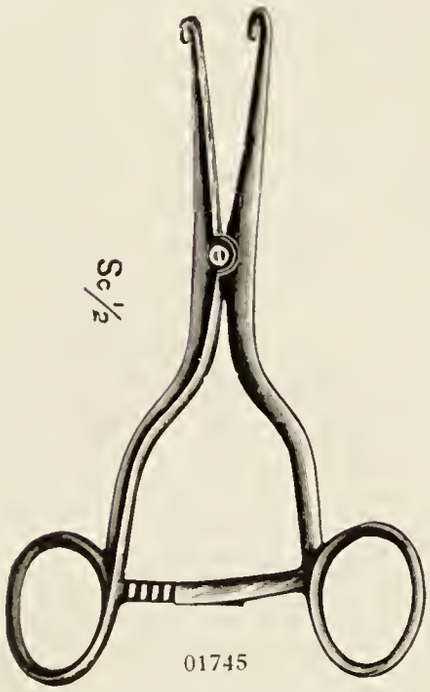


01743

01743	Collier's, with grooved blades	0	5	6

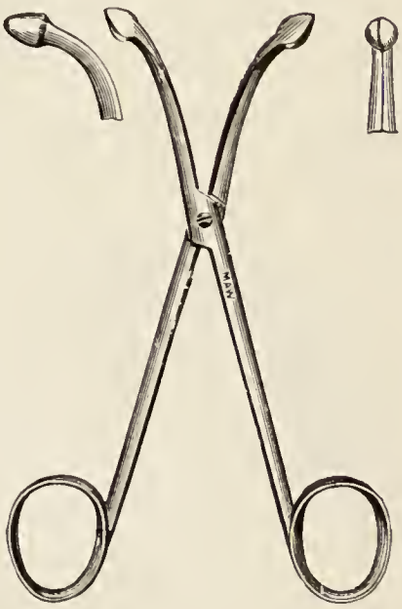
01744

01744	Luer's cross-action, spring	0	6	6



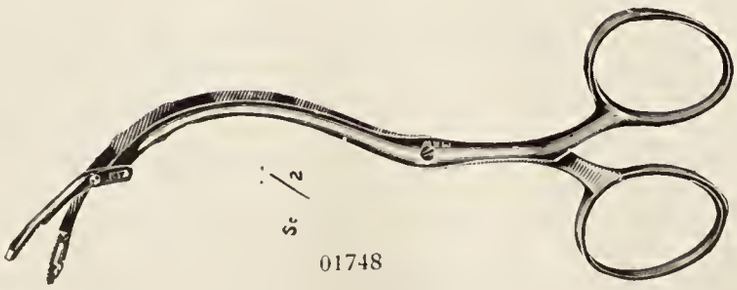
01745

01746



01747

01745	Monsarrat's	0	11	6
01746	Three bladed	0	12	0
01747	Trousseau's	0	5	0



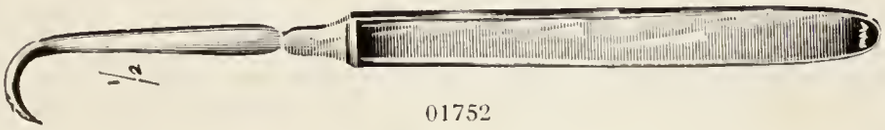
01748

	False Membrane Forceps—			
01748	Double jointed..	0	12	0
01749	MacCombie's, as used at Plaistow Fever Hospital	0	4	0

Instruments for Tracheotomy and Laryngotomy—Contd.—

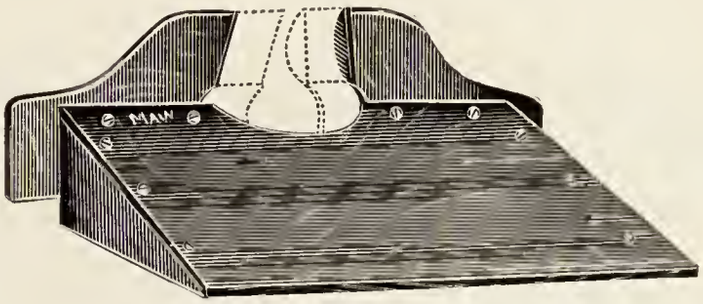
01750

01751



01752

No.		£	s.	d.
	Hooks, solid forged—			
	Blunt (see page 41).			
01750	Sharp	0	2	0
01751	Do. grooved	0	4	0
01752	Do. do., St. Bartholomew's Hospital pattern	0	5	9



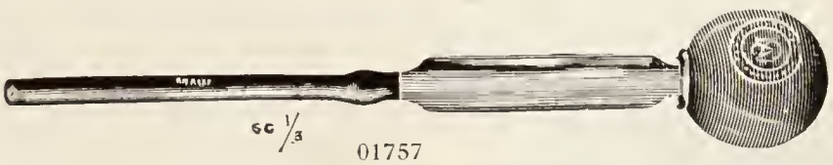
01753

01753	**Operation Pillow,** Caiger's, mahogany	0	15	0

01754

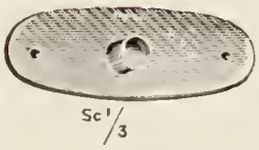
01756

	Retractors—			
01754	Double ended	0	1	6
01755	Double hook (for illustration, see page 41)	0	3	6
01756	Caiger's, steel	0	2	6

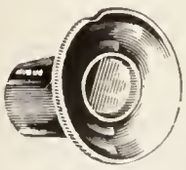


01757

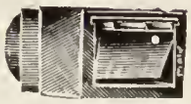
01757	**Tracheal Aspirator,** with glass barrel and india-rubber exhauster ..	0	3	0



01758



01759



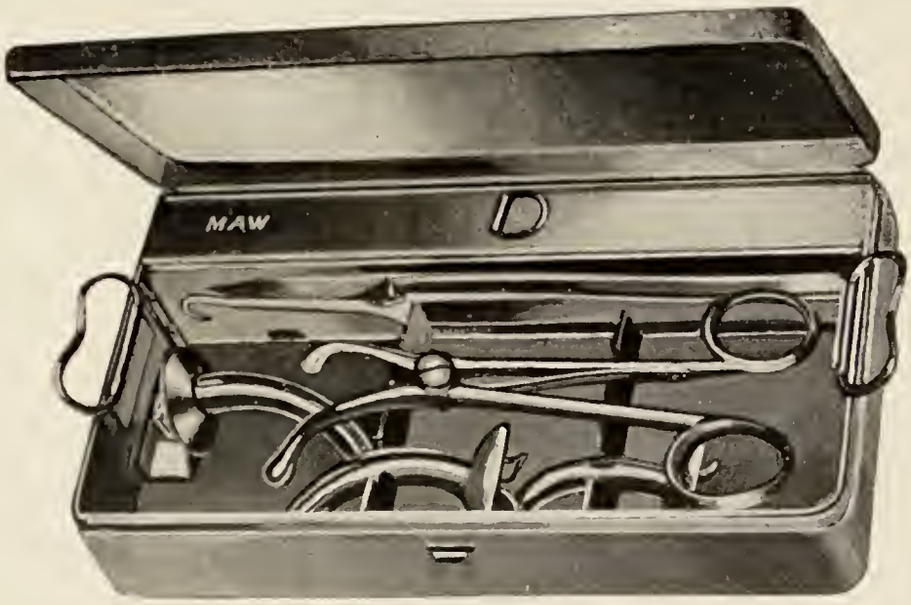
01760

01758	**Plug,** india-rubber, for occluding the tracheal wound	0	1	6
	Valves, for insertion in tracheotomy tubes to encourage breathing through the natural channel—			
01759	De Santi's	0	7	0
01760	Square	0	9	0

SETS OF TRACHEOTOMY INSTRUMENTS.

01761

No.			£ s. d.
01761	**Durham's Set,** consisting of—		
	Blunt Hooks 2	Scalpels, solid forged .. 2	
	Sharp Hook, grooved .. 1	Durham's Tubes Nos. 20 & 26 2	
		Do. Pilots 2	
	(a) In oak case, as illustrated		**4 5 0**
	(b) In aseptic metal case, with lift-out racks		**4 15 0**

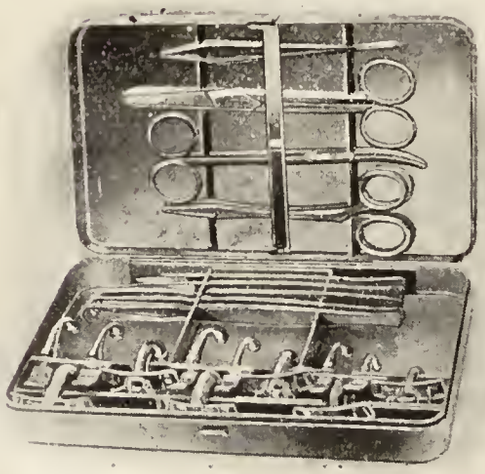


01762

01762 **The "General Practitioner's" Set,** consisting of—

Dilator, Sharp Hook, Fuller's Tubes, Nos. 18, 22 and 28, and Scalpel—

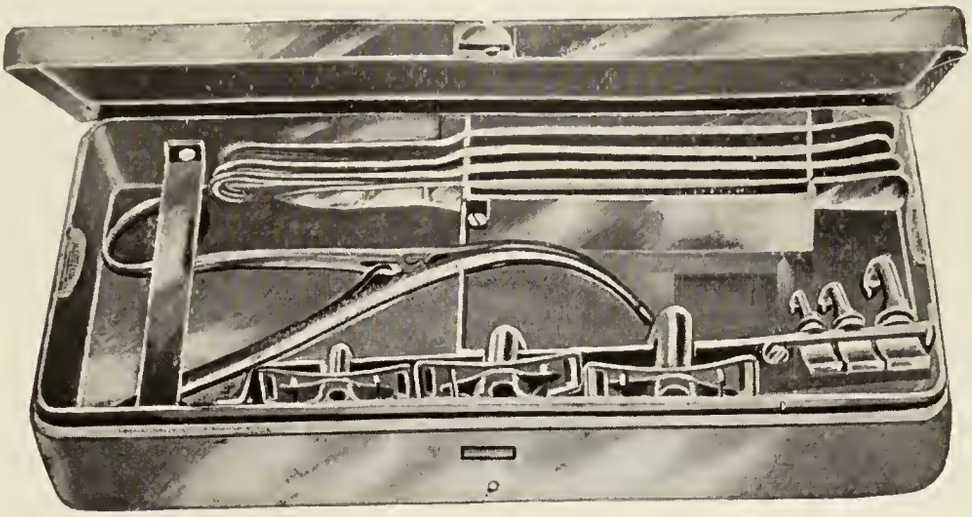
(a) In oak case		**1 17 6**
(b) In aseptic metal case, with lift-out rack, as illustrated ..		**2 7 6**



01763 **Parker's Large Set,** consisting of—

Blunt Hooks .. 2	
Dilator, Collier's .. 1	
Dissecting Forceps 1	
Grooved Hook (No. 01751) 1	
Scissors, 6 in. .. 1	
Scalpels 2	
Artery Forceps .. 2	
Parker's Tubes, silver 6	
Parker's Pilots .. 6	
In aseptic metal case, with lift-out rack ..	**7 0 0**

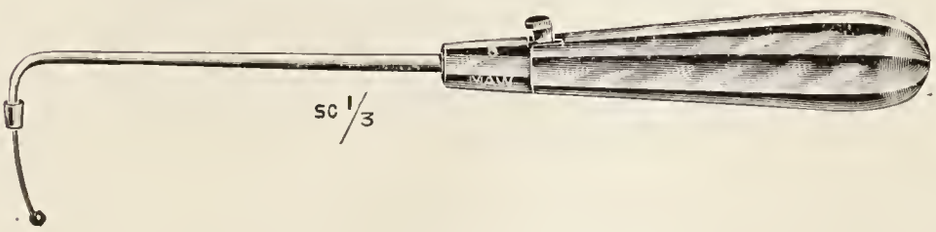
Sets of Tracheotomy Instruments—Contd.—



01764

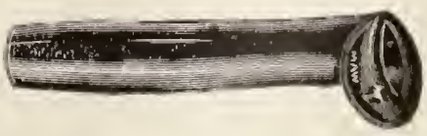
No.		£ s. d.
01764	**Parker's Small Set,** consisting of—	
	Blunt Hooks .. .. 2 | Parker's Tubes, silver, Nos. 18, 22 and 26 3	
	Dilator .. .. .. 1 | Parker's Pilots 3	
	Grooved Hook 1	
	Scalpel 1	
	(a) In oak case	4 4 0
	(b) In aseptic metal case, as illustrated	4 15 0

INTUBATION INSTRUMENTS.



01765

01765	**Introducer,** Avirignet's, set of 6, fitting one handle	2 5 0



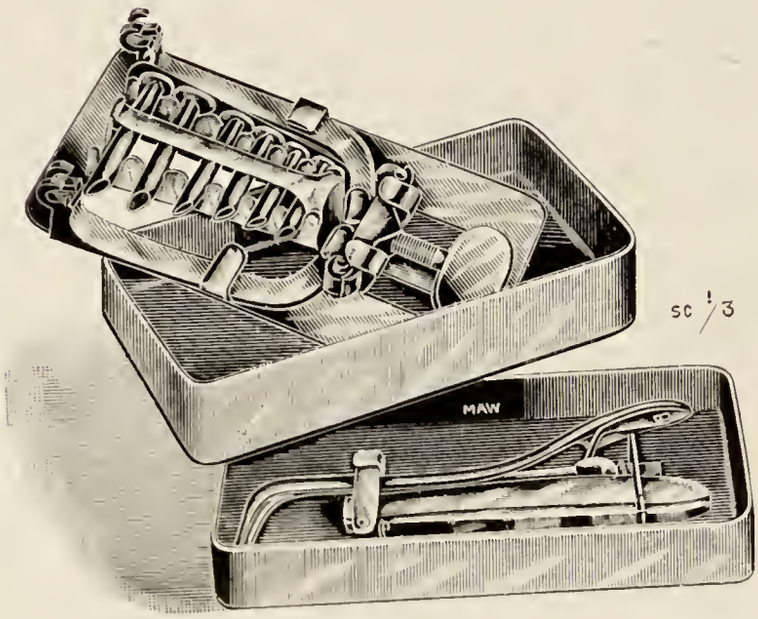
01766

01766	**Tubes,** gilt, Avirignet's, sizes 1-3 .. .. each	0 6 9
01767	Do. do., sizes 4-6 .. .. ,,	0 7 6

Intubation Instruments—Contd.—

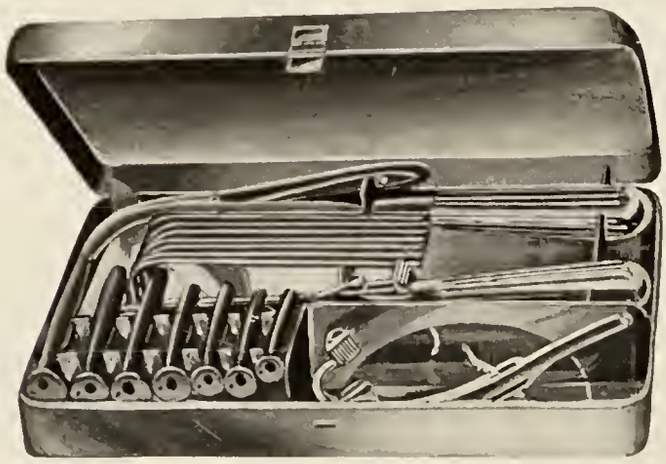
No.		£ s. d.
01768	Avirignet's Set, consisting of 6 gilt tubes, 4 introducers, fitting one handle, mouth gag and 2 tube brushes, in aseptic metal case	**6 16 6**

This is the model used at Plaistow Fever Hospital.



01769

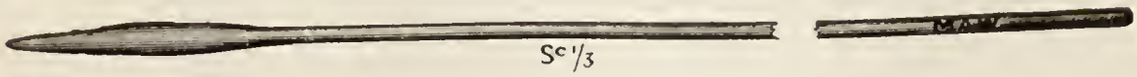
01769	Collin's Set, new model, with combined introducer and extractor, mouth gag and 6 gilt tubes, complete in aseptic metal case	**3 10 0**



01770

01770	O'Dwyer's set, consisting of 7 vulcanite covered intubation tubes, with introducers, extractor, gag and gauge, in aseptic metal case	**5 10 0**

ŒSOPHAGEAL INSTRUMENTS, STOMACH PUMPS, Etc.



01774

01775

No.	**Bougies,** elastic gum—	Brown.	Soft Black.	**Silk** Web.*
01771	Bulbous, sizes 10-24	2/6	4/6	5/-
01772	Conical, sizes 10-24	2/3	3/9	4/3
01773	Cylindrical, sizes 10-24	2/-	3/-	3/6

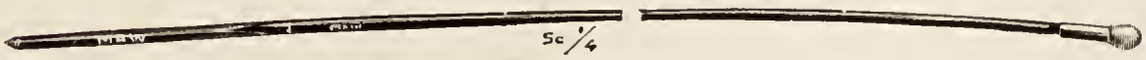
The gauge for the above is the same as the catheter gauge.

		£	s.	d.
01774	**Bougies,** Durham's, bellied, brown elastic gum, sizes 7-24 .. each	0	3	0
01775	Do. Symonds's, olive ended, double, 6 sizes, $\frac{12}{14}$, $\frac{13}{15}$, $\frac{16}{18}$, $\frac{17}{19}$, $\frac{20}{22}$, $\frac{21}{23}$ each	0	3	0

01776

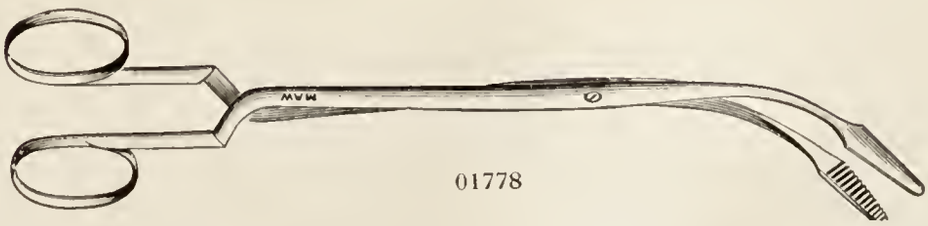
Dilators—

01776	Metal, aseptic, with coin catcher, sponge, and six olive shaped heads of sizes varying from 14 mm. to 7 mm. diameter ..	0	10	6



01777

01777	Whalebone, with 6 olive shaped heads, 8, 9, 10, 11, 12 and 14 mm.	0	10	6



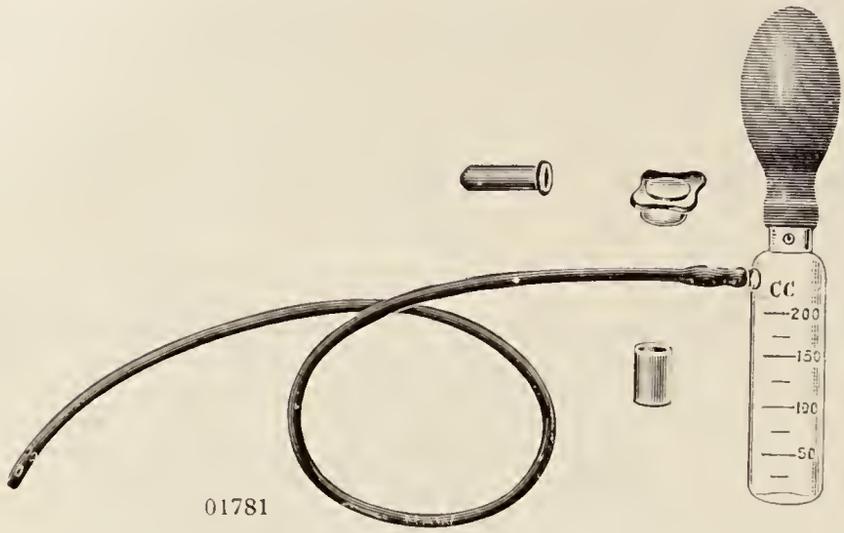
01778

Forceps, for the removal of foreign bodies, etc.—

01778	Buck's, to open laterally	0	7	6
01779	Do. to open antero-posteriorly	0	7	6
01780	**Gag,** boxwood, as shown in illustration 01798, to facilitate the introduction of a stomach tube	0	1	0

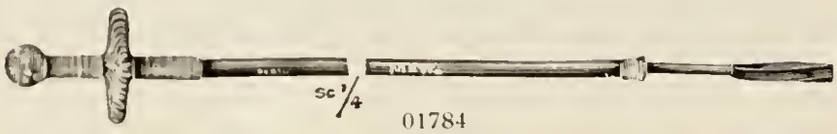
* Made to order only.

Œsophageal Instruments, Stomach Pumps, etc.—Contd.—

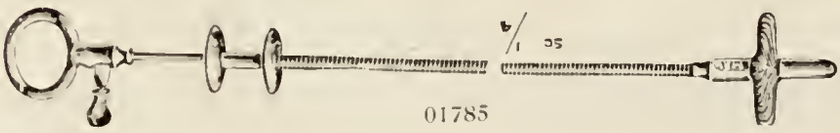


01781

No.		£	s.	d.
01781	**Gastric Juice Extractor,** Senoran's, consisting of 150 c.c. graduated glass bottle with tubular outlet, india-rubber suction bulb, stomach tube and india-rubber bung	1	1	0
01782	Spare Bottles with india-rubber bung and elastic neck-band ..	0	6	0
01783	Spare Stomach Tubes	0	3	6



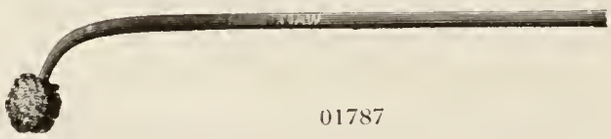
01784



01785

Probangs—

01784	Bristle	0	2	0
01785	Do. aseptic..	0	3	0



01787

01786	Whalebone stem, with sponge, straight	0	1	0
01787	Do. do. do., curved	0	1	0

01789

01788	With coin catcher	0	3	6
01789	Do. do., jointed, with adjustable end	0	4	6
01790	Do. do., St. Bartholomew's Hospital pattern.. ..	0	3	0

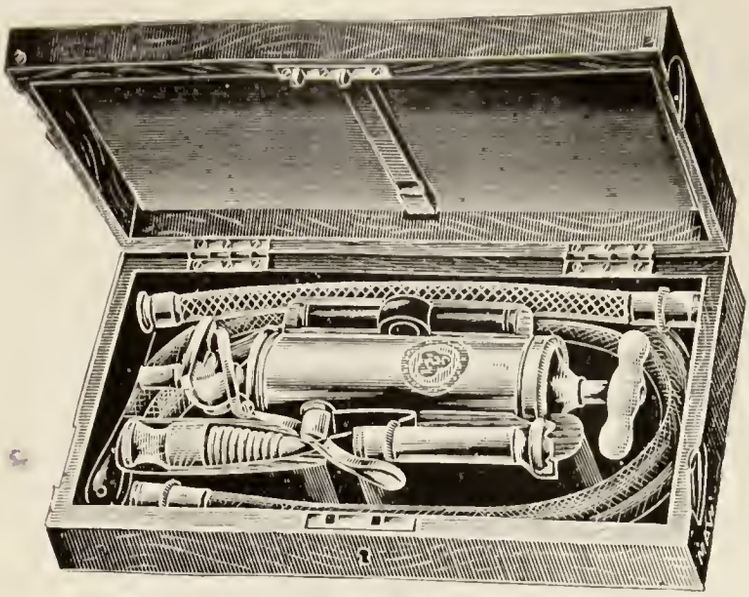
01791

01791	With coin catcher, Army pattern, all metal	0	5	6

01792

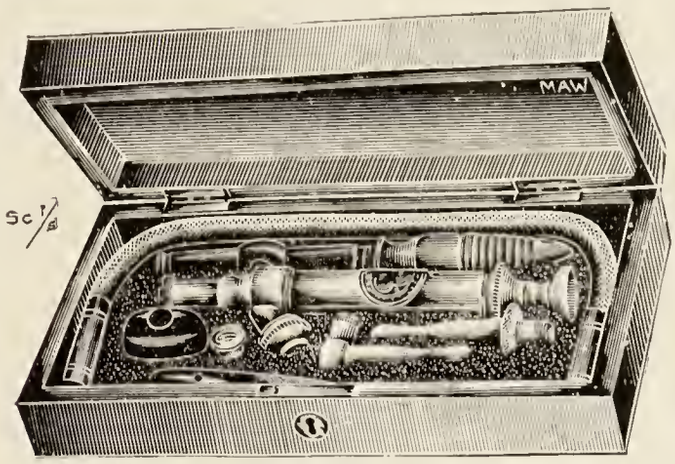
01792	**Stomach Bucket,** Einhorn's, silver, for withdrawing specimens of the contents of stomach	0	6	6

Œsophageal Instruments, Stomach Pumps, etc.—Contd.—



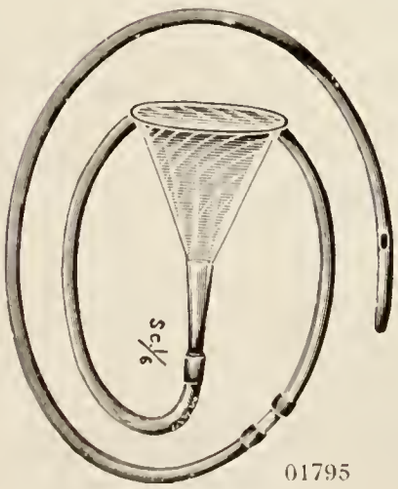
01793 Sc 1/5

No.	Stomach Pumps—	£	s.	d.
01793	Flute key pattern, with mouth wedge, gag, œsophageal tube, long rectum pipe, brass foot, and elastic gum side branch, in mahogany case with lock and key	2	0	6

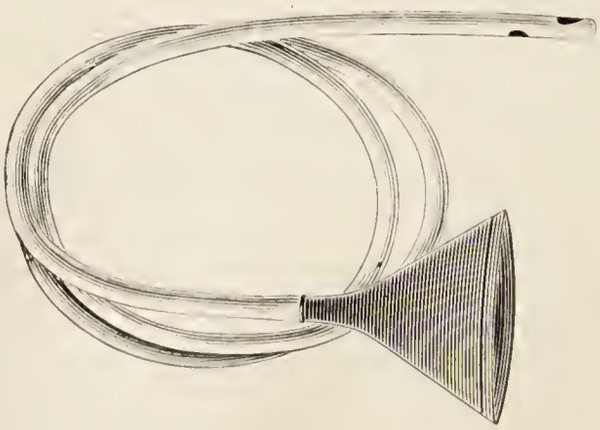


01794

01794	"Portable," with mouth wedge, œsophageal tube, gag, 2 bone rectum pipes, and mohair covered side branch, in mahogany case with lock and key	1	2	0



01795

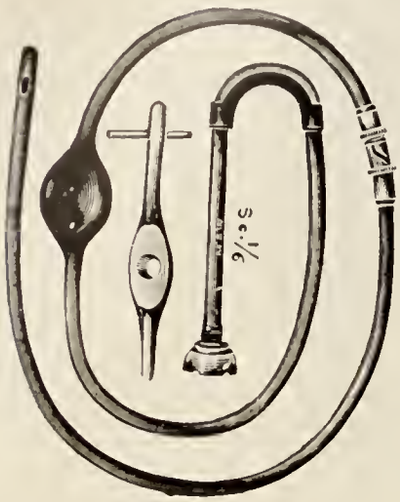


01796

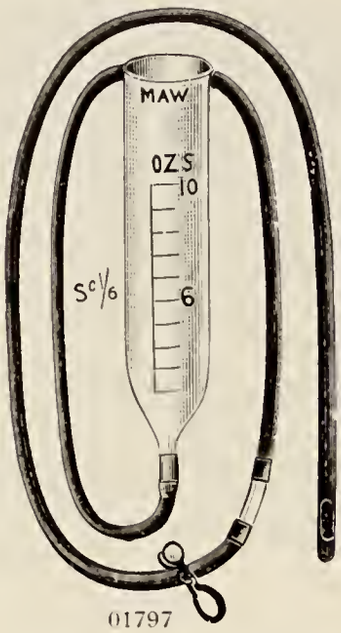
Stomach Syphons—

01795	Glass funnel with 2 ft. of india-rubber tubing, glass junction and Jaques's india-rubber stomach tube	0	4	6
01796	India-rubber collapsable funnel, attached to a 60 in. india-rubber stomach tube, sizes 16-17, 4/2; 18-19, 4/6; 20-21 ..	0	5	3

Œsophageal Instruments, Stomach Pumps, etc.—Contd.—



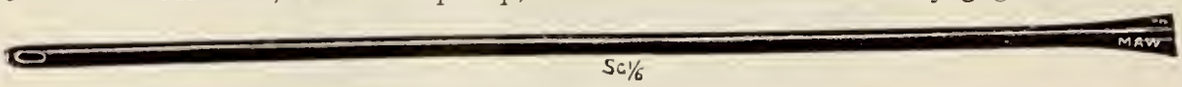
01798



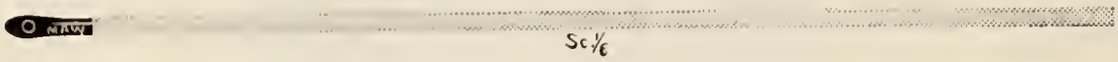
01797

01799

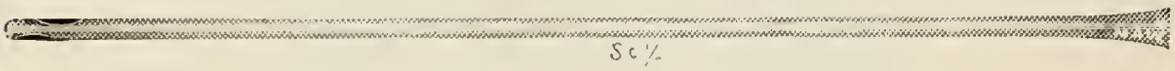
No.		£	s.	d.
01797	Glass funnel, improved shape, fitted with solid end Jaques's stomach tube, 2 ft. of tubing and glass junction	0	7	0
01798	Middlesex Hospital pattern, with ball to start flow, brass connections, vulcanite U-piece, metal sinker, and boxwood gag, in cedar box	0	11	0
01799	Tosswill's, with ball pump, brass connections and ebony gag ..	0	10	6



01801



01802



01804

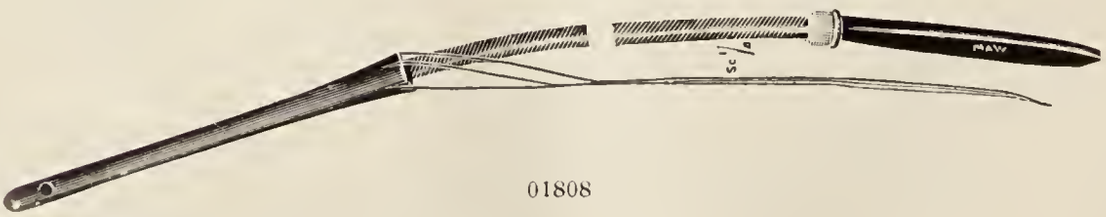
Stomach Tubes, etc.—

01800	Elastic Gum, soft black, sizes 10-20 .. .. .. each	0	3	0
01801	Do. do., with funnel end, sizes 10-20 .. ,,	0	3	6
01802	Do. brown, with black head, sizes 10-20 .. ,,	0	2	0
01803	Do. do. do., with funnel end, sizes 10-20 each	0	2	6
01804	Do. silk web, with funnel end, sizes 10-20 .. ,,	0	4	6
01805	India-rubber, Jaques's, 30 in. long, aseptic, sizes 4-20, 2/9; sizes 21 to 24 .. .. each	0	3	3

The gauge for the above is the same as that for Catheters.

01807 Sc 1/3

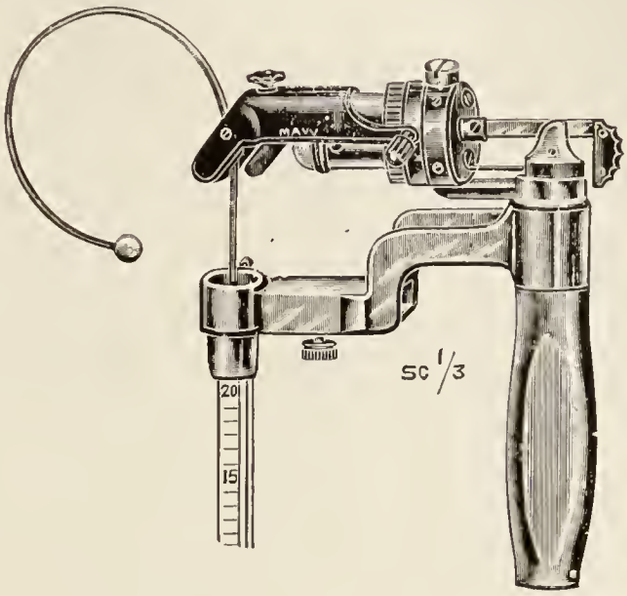
01806	Symonds's Œsophageal, for permanent wear, silk web, sizes 8-18 each	0	2	0
01807	Do. do., with openings at side, sizes 8-18 ,,	0	2	0



01808

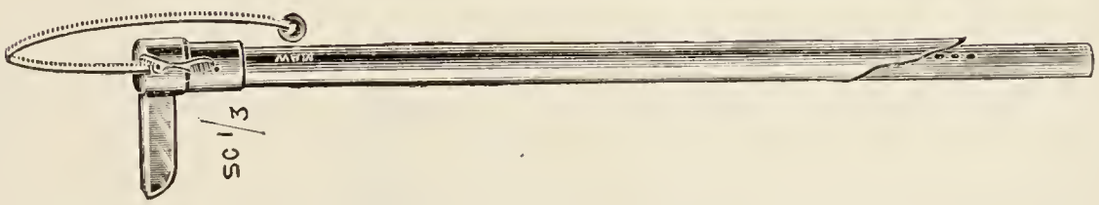
01808	Introducer for Symonds's tubes	0	8	0

BRÜNING'S INSTRUMENTS FOR BRONCHOSCOPY, ŒSOPHAGOSCOPY AND TRACHEOSCOPY.



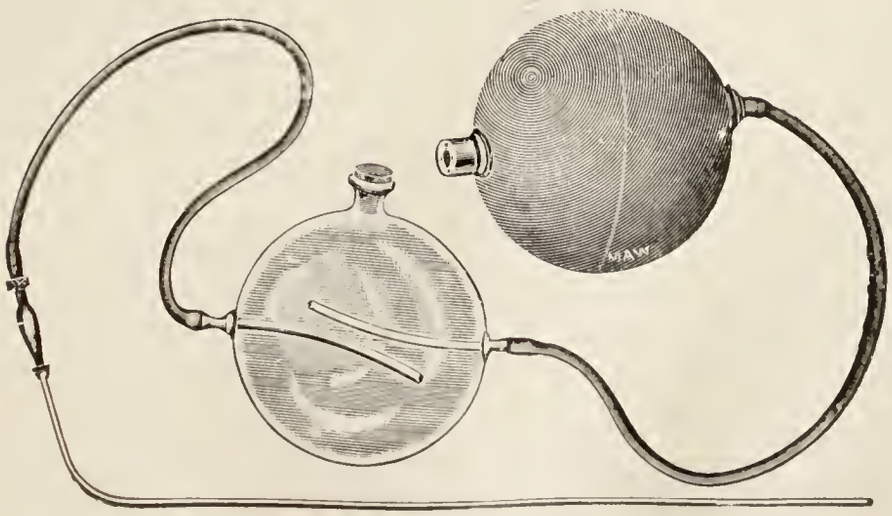
01809

No.		£	s.	d.
01809	**Electroscope** with cable and spare lamp	4	8	0



01811

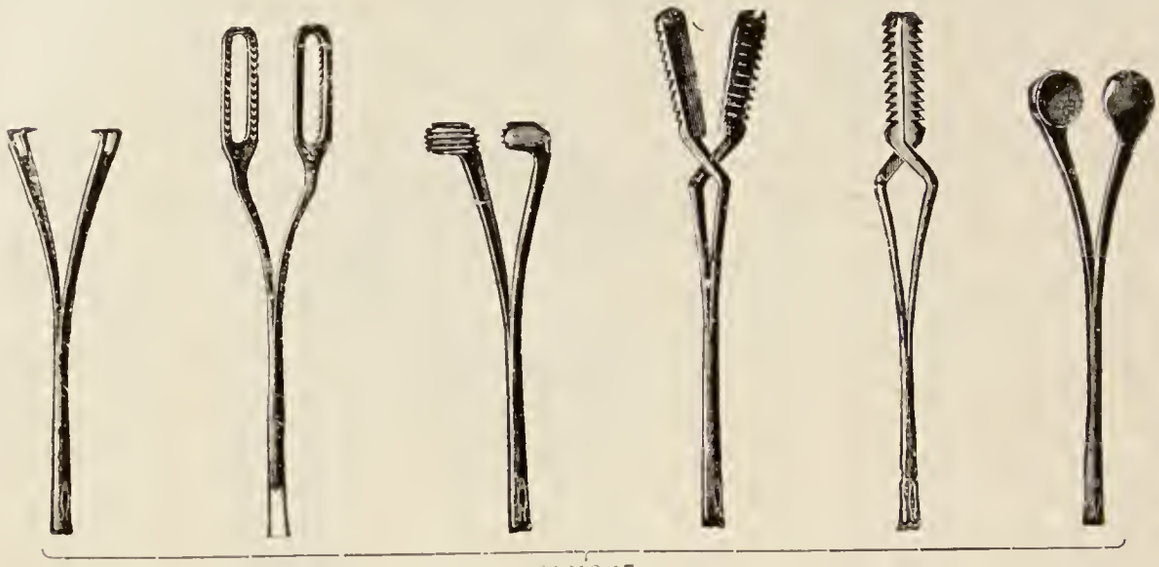
01810	**Double Tube,** 5 mm. diameter, for children	0	18	0
01811	Do. 7, 8·5 or 10 mm. diameter .. .. .. each	1	1	0
01812	**Tube for Œsophagoscopy,** single, 10 mm.	0	10	6
01813	Do. do., double, 12 mm.	1	1	0
01814	**Bougies,** elastic gum, for use as pilots, 3 sizes .. .. .. each	0	4	0



01815

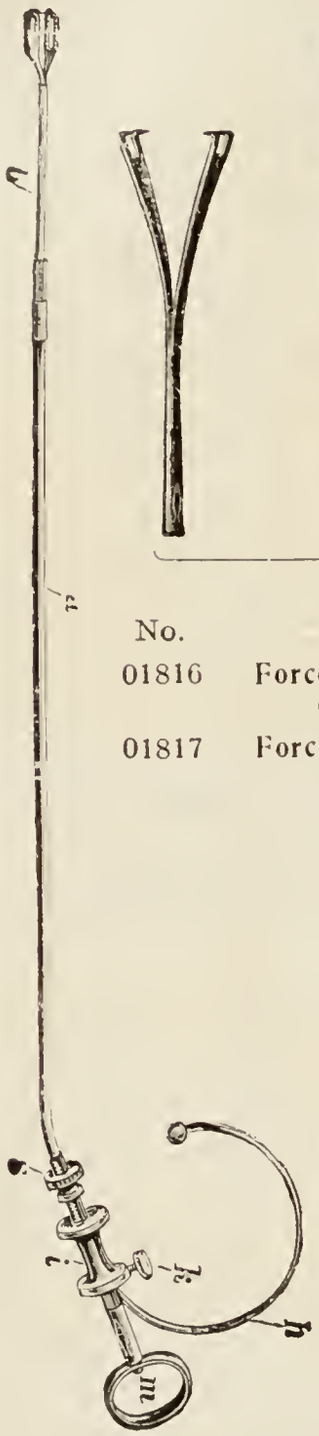
01815	**Saliva Pump,** with 3 tubes of varying length..	0	13	6

Brüning's Instruments for Bronchoscopy, etc.—Contd.—



01816-17

No.		£	s.	d.
01816	**Forceps Bronchoscopy**, with an assortment of five different end-pieces	1	18	6
01817	**Forceps Œsophagoscopy**, with 2 end-pieces	1	5	0



01816

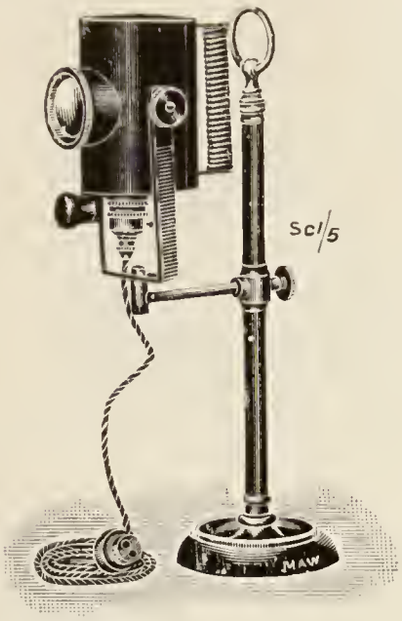
01818

01819

01820

01818	**Hook** for Foreign Bodies, sharp, 16 in. long	0	2	0
01819	Do. do., blunt, serrated, 16 in. long	0	2	0
01820	**Wool Carrier**, double-ended, 20½ in. long, with screw joint in centre	0	0	6

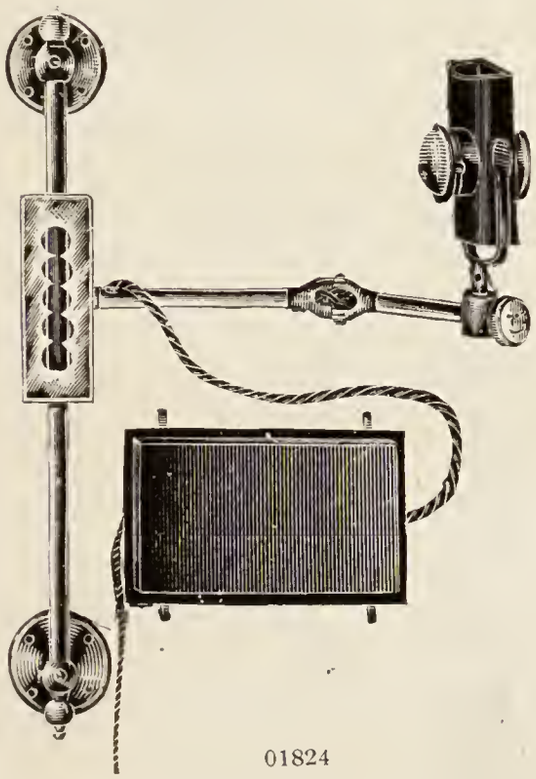
LAMPS.



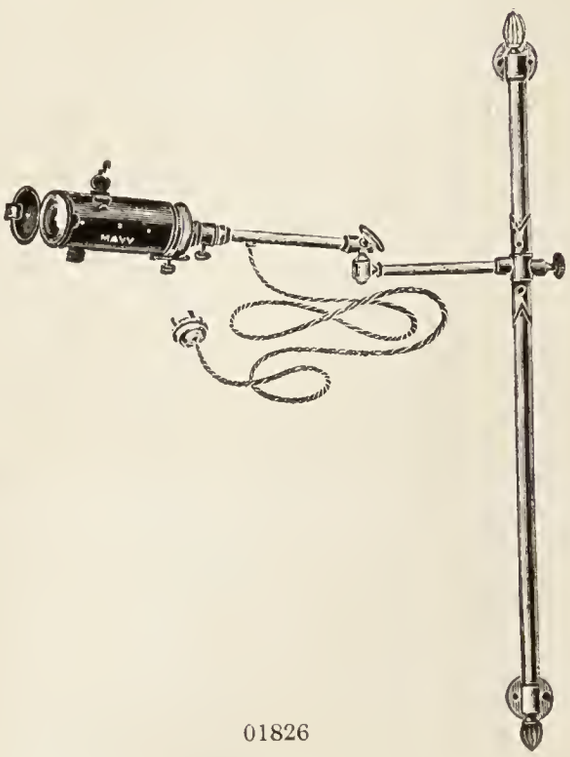
01821

01823

No.		£	s.	d.
	Electric Lamps, to work from the main—			
01821	Greville MacDonald's, with short standard for table	3	5	0
	This lamp is fitted with a handle, and can be detached from the standard for use as a hand lamp.			
01822	Greville MacDonald's, with long standard for floor, fitted with switch	3	10	0
01823	Brass standard with patent tilting bronzed shade, and switch at base, complete with cords and wall plug, but without lamp	1	4	0



01824

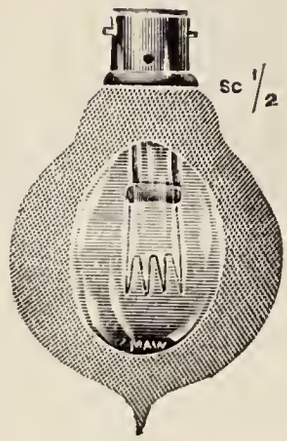


01826

01824	Lamp for Throat work, with vertical and lateral movements, fitted with resistance board, regulating switch, metal chimney, bull's-eye and iris diaphragm	6	6	0
01825	Do. for Ophthalmic work, fitted with 16 c.p. focus lamp in place of the bull's-eye and chimney	4	6	0
01826	Lamp for Throat work, with vertical and horizontal movements, fitted with metal chimney with bull's-eye at one end and an opening at the side for eye-work	3	0	0

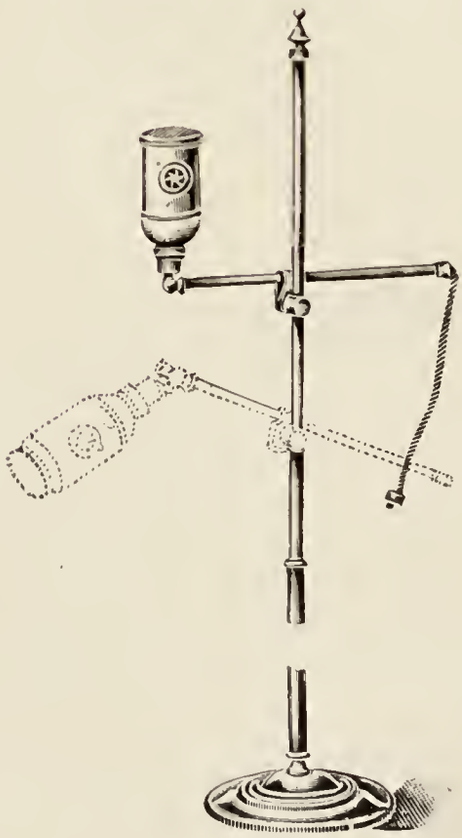
Lamps—Contd.—

01827

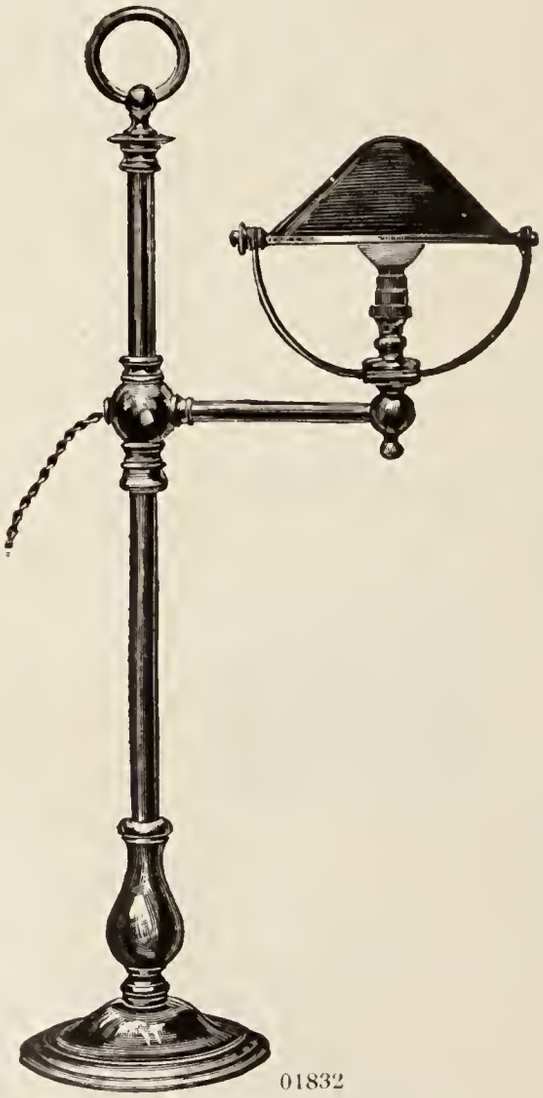


01829

No.	**Electric Lamps,** to work from the main—**Contd.**—	£	s.	d.
01827	Metal Chimney, with bull's-eye, shutter and Iris diaphragm, to fix to any existing Mackenzie's bracket	2	12	6
01828	Do. do., with bracket (No. 01847) complete	4	12	6
	In order to fix the chimney to the bracket, remove the elbow and cock on the bracket, and fit in its place the elbow supplied with the chimney.			
01829	Focus Lamp, 16 c.p., to fit any ordinary lamp socket	0	2	0
01830	Do. half ground	0	2	0



01831



01832

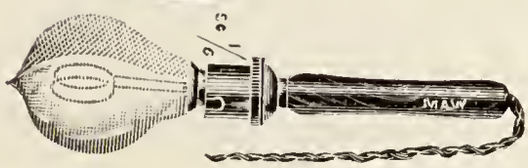
01831	Bronzed floor standard, 5 ft. high, with adjustable arm to fix in any position, fitted with lens and iris diaphragm, but without lamp	2	14	0
01832	Brass standard, 25 in. high, for table with adjustable arm, patent tilter and bronzed shade	1	10	0

Lamps—Contd.—

01834

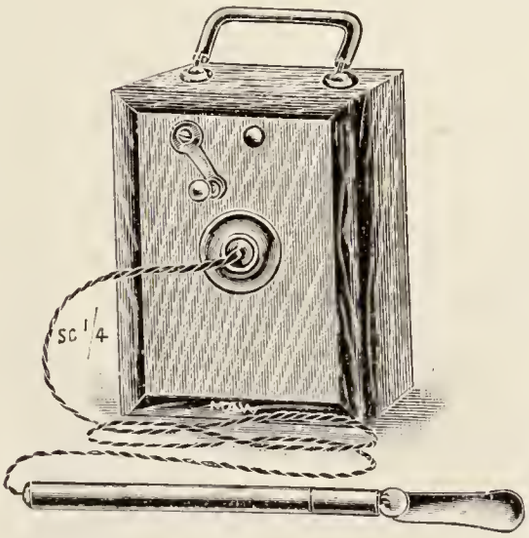
01833

01835

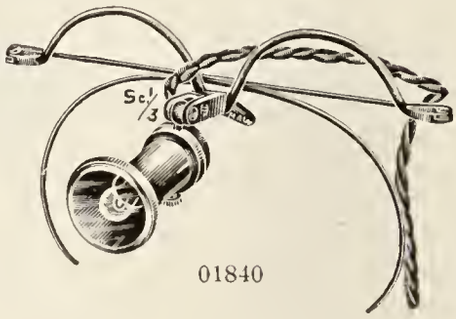


01836

No.	**Electric Lamps,** to work from the main—**Contd.**—	£	s.	d.
01833	Brass standard, for table, with adjustable arm, opal shade, and patent revolving tilter	1	7	6
01834	Hand or hanging lamp, with revolving bronzed reflector	0	17	6
01835	Hand lamp, with spun metal reflecting bell	0	10	0
	All the above lamps are sent out complete with cords and wall plugs, but not bulbs.			
01836	Hand lamp, with cord, plug, and 100 or 200 volt 16 c.p. focus lamp ; a convenient lamp for carrying in the surgeon's bag	0	8	6



01837

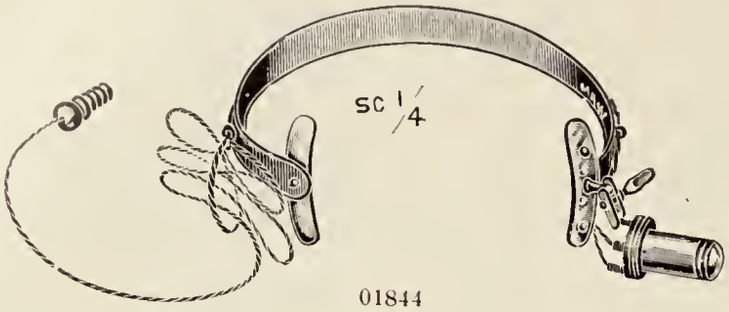


01840

Electric Lamps, for use with accumulators or dry cells—

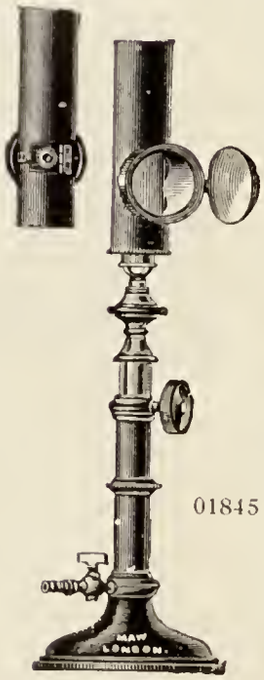
01837	Portable, with dry cell battery and detachable tongue depressor	0	10	6
01838	Spare dry cells	0	1	6
01839	Spare Osram bulbs	0	1	0
01840	Washington Isaac's forehead lamp, with spectacle frame.. ..	0	17	0
01841	Do. do. complete with 6-volt dry battery ..	1	1	0
01842	Spare dry cells	0	4	0
01843	Spare bulbs	0	2	0

Lamps—Contd.—

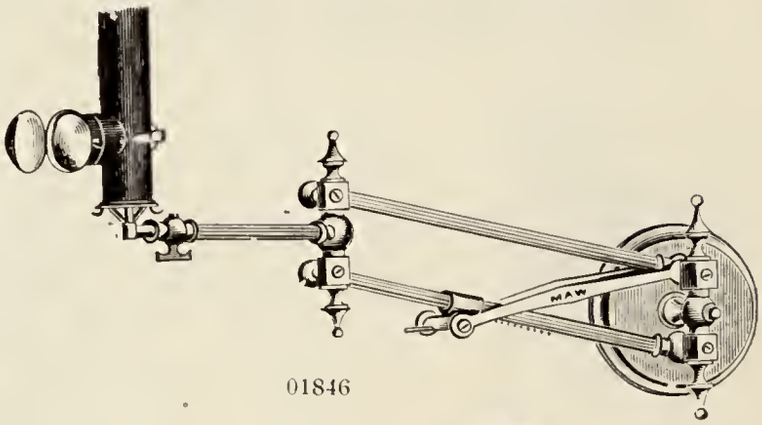


01844

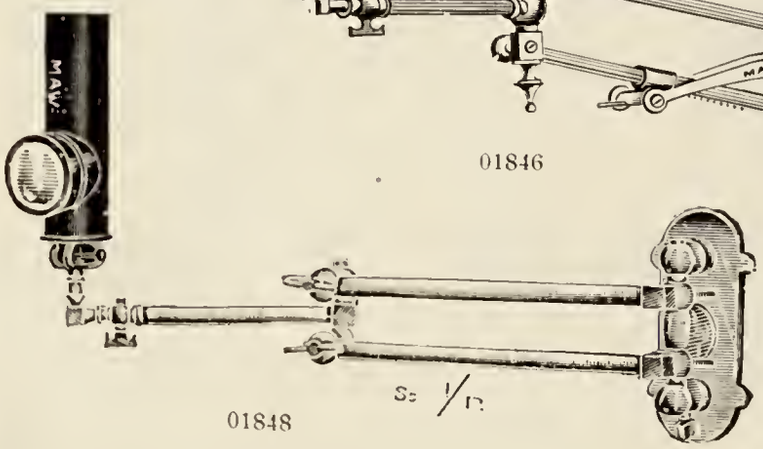
No.		£	s.	d.
	Electric Lamps, for use with accumulators—**Contd.—**			
01844	Forehead lamp, with head spring, for use with No. 01837 portable battery, or fitted with pins for use with 4-volt accumulator	1	1	0



01845



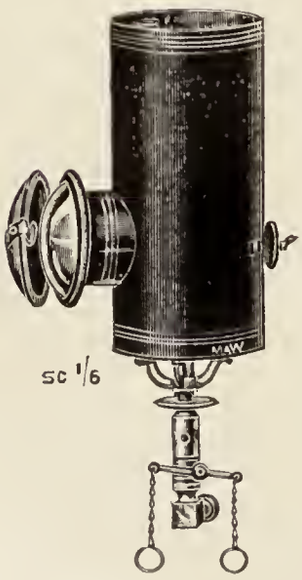
01846



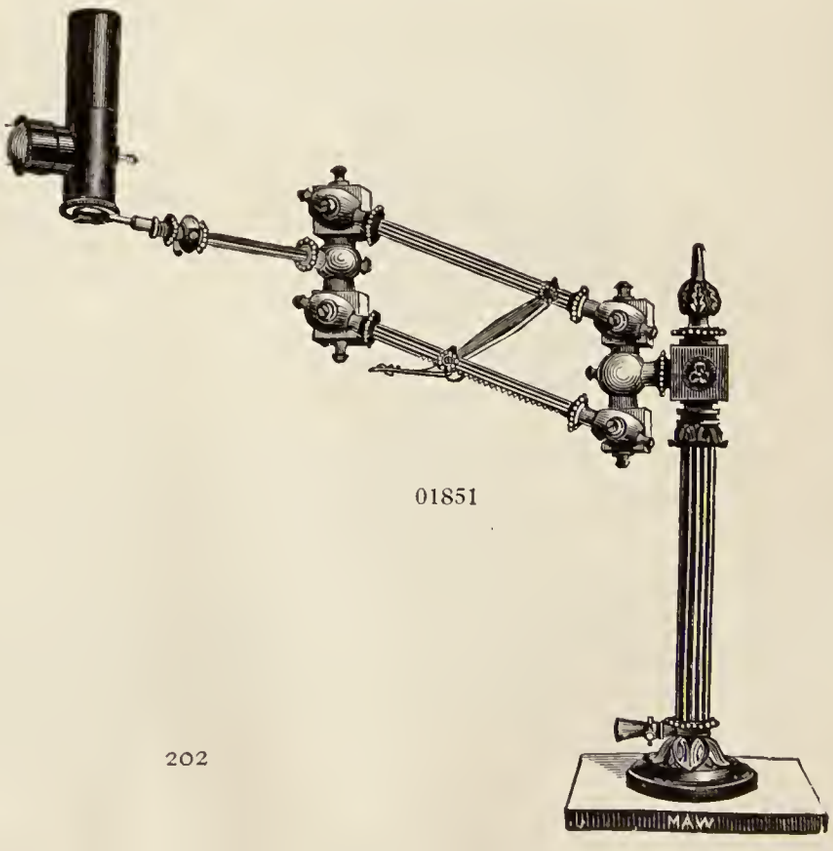
01848

Gas Lamps—

01845	Standard lamp, telescopic, on firm base, for table	3	7	6
01846	Mackenzie's bracket, superior finish, with fluted tubes, complete with chimney and bull's-eye	3	0	0
01847	Mackenzie's bracket, with plain tubes, chimney and bull's-eye ..	2	14	0
01848	Do. do., without ratchet movement, plain brass ..	2	15	6



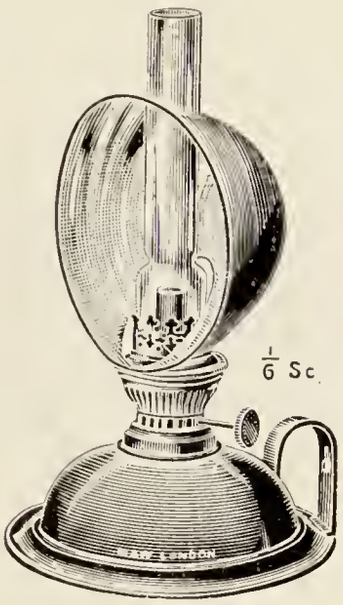
01850



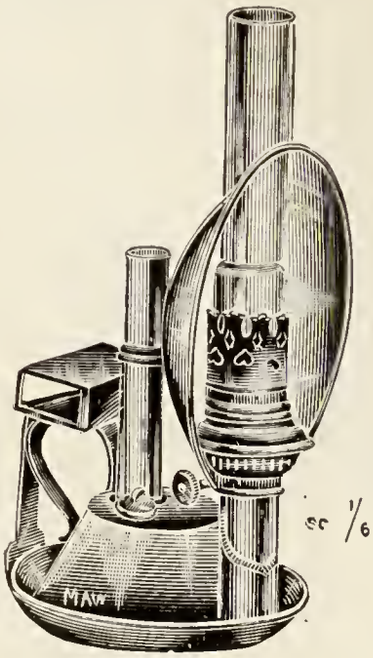
01851

Lamps—Contd.—

No.	Gas Lamps—Contd.—	£	s.	d.
01849	Mackenzie's bracket, with plain tubes (as No. 01847), fitted with metal chimney, incandescent burner and by-pass	2	15	6
01850	Metal chimney only, with bull's-eye and shutter, incandescent burner and by-pass	1	1	0
01851	Mackenzie's bracket, as No. 01846, but attached to bronzed standard, with heavy polished wood base	4	8	0
01852	Brass standard for table, with adjustable condenser, bull's-eye, incandescent burner and back shutter	2	7	9



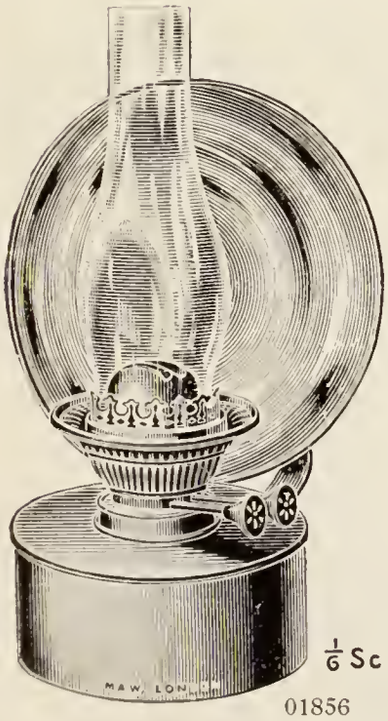
01853



01854

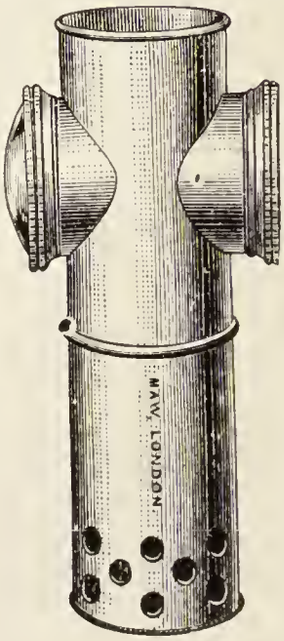
Oil Lamps—

01853	Brass, with parabolic reflector	0	4	6
01854	Loftus's.. .. .. .. bronzed, 8/6; nickel-plated	0	13	0
01855	Telescopic brass standard, with bull's-eye and shutter	2	10	6



01856

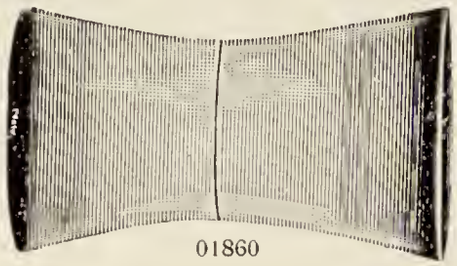
01857



01858

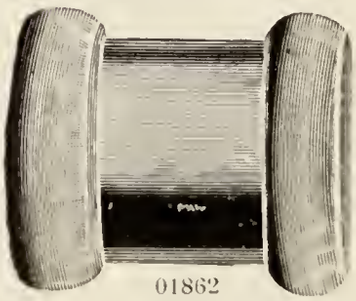
01856	Ward lamp, bronzed, with 8 in. reflector	0	12	0
01857	**Benzoline Lamp,** portable	0	11	6
	Candle Lamps—			
01858	Priestley Smith's, plated	0	10	6
01859	Do. do., telescopic, to carry in surgeon's bag.. ..	0	12	0

INTESTINAL INSTRUMENTS.

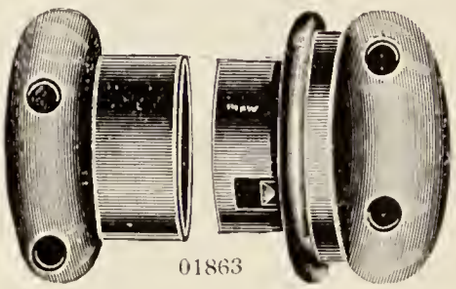


01860

No.		£	s.	d.
	Anastomosis Buttons, Plates, etc.—			
01860	*Allingham's, decalcified bone tubes, 6 sizes, $\frac{5}{8}$ in., $\frac{3}{4}$ in., $\frac{7}{8}$ in., 1 in., $1\frac{1}{8}$ in. and $1\frac{1}{4}$ in. .. .. each	0	1	6

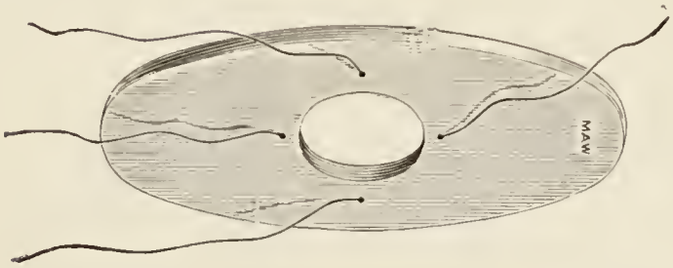


01862

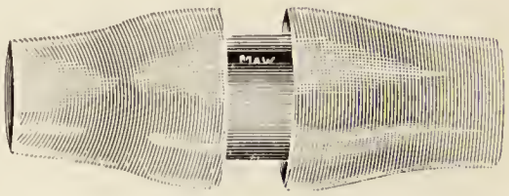


01863

01861	*Littlewood's decalcified bone plates .. .. .. each	0	3	0
01862	*Mayo Robson's decalcified bone bobbins, 5 sizes, $\frac{5}{8}$ in., $\frac{3}{4}$ in., $\frac{7}{8}$ in., $1\frac{1}{8}$ in. and $1\frac{1}{4}$ in. .. .. each	0	1	3
01863	Murphy's metal buttons, nickel-plated, 4 sizes, 20, 22, 24 and 26 mm. .. .. each	0	7	6
01864	Do. do., extra large, 32 mm. .. .. ,,	0	8	6
01865	Do. do., oval, for lateral anastomosis .. ,,	0	16	0

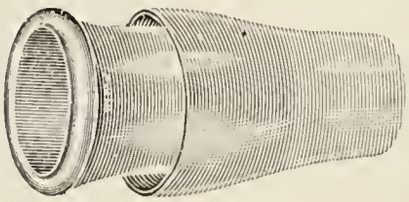


01866

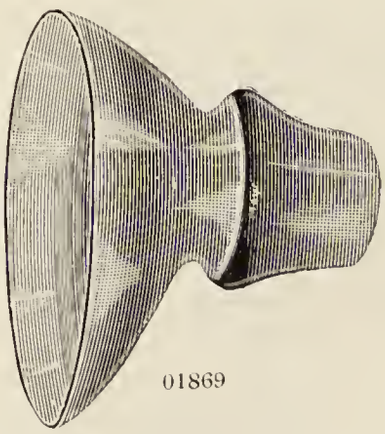


01867

01866	*Senn's decalcified bone plates .. .. each	0	1	4
01867	*Stanmore Bishop's bobbins, for end to end anastomosis ,,	0	2	0



01868

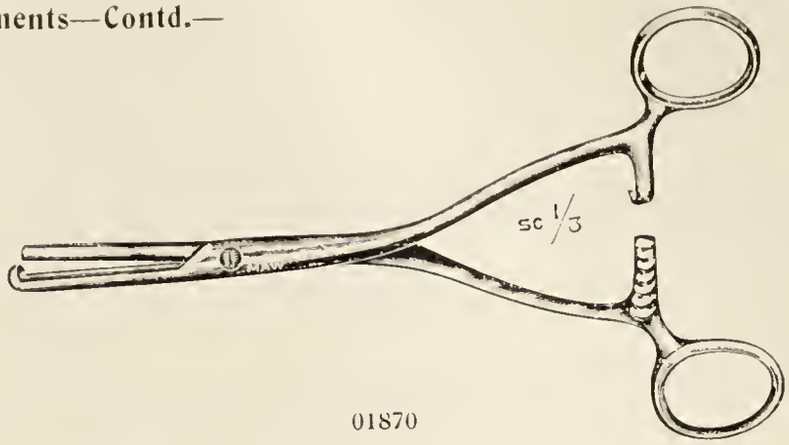


01869

01868	*Stanmore Bishop's bobbins, for gastro-enterostomy .. each	0	1	6
01869	* Do. do., for pylorectomy, ivory .. ,,	0	6	6

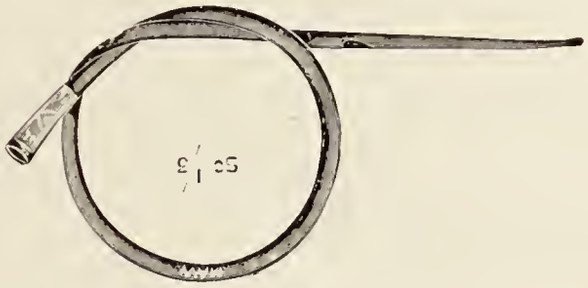
* Put up in sealed tubes, each containing one.

Intestinal Instruments—Contd.—



01870

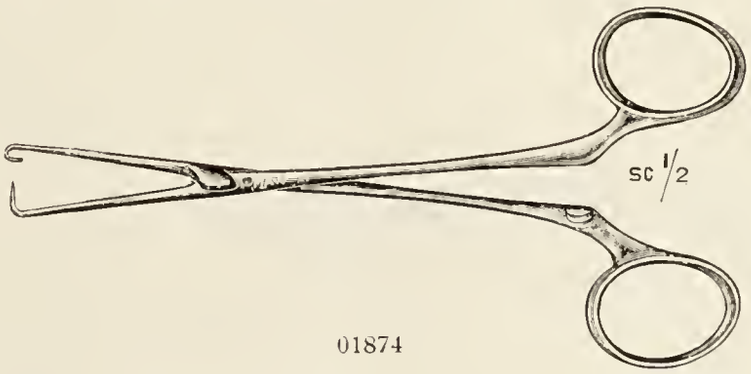
No.		£	s.	d.
01870	**Appendicectomy Clamp,** Adams's	0	15	6



01871

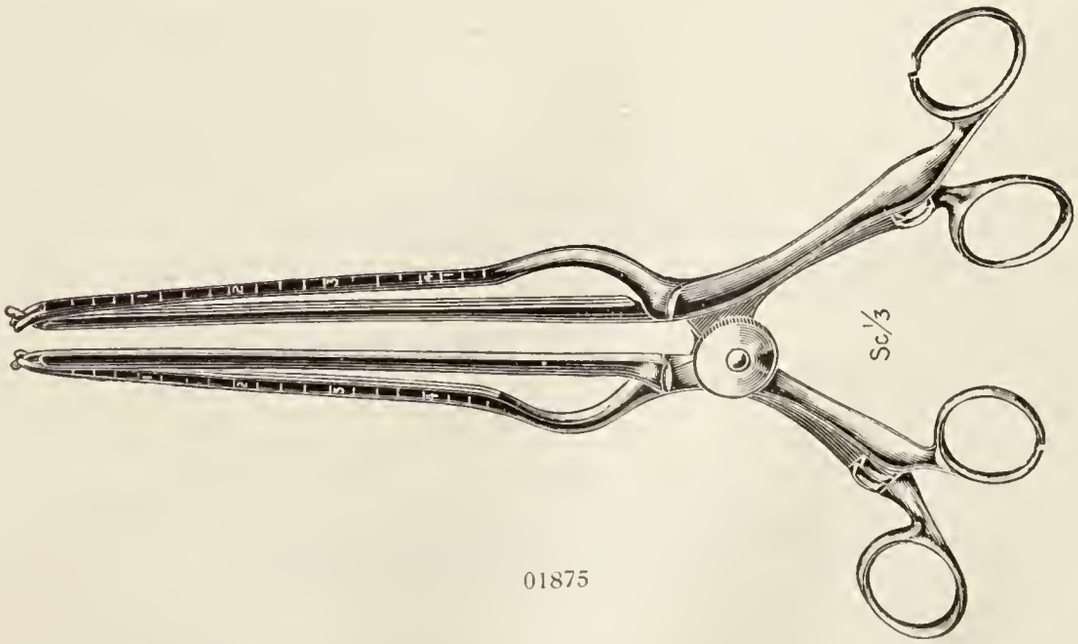
01872

01871	**Appendicostomy Catheter,** as used at St. Mark's Hospital for washing out the Colon through the Appendix	0	2	6
01872	**Appendicostomy Dilator,** Lockhart Mummery's, 3 sizes .. each	0	1	6
01873	**Appendicostomy Plugs,** india-rubber .. .. .. per doz.	0	18	0



01874

01874	**Basting Forceps,** Allis's, disjointing	0	7	6



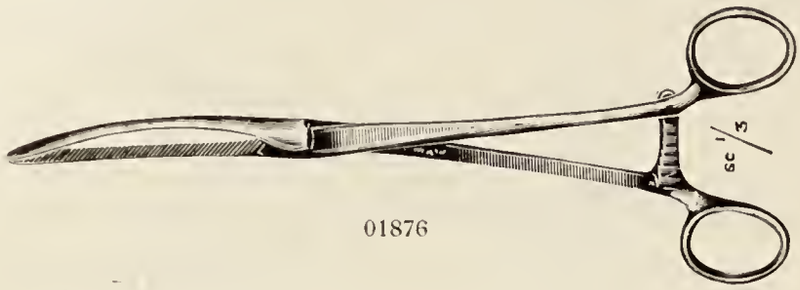
01875

Bowel and Stomach Clamps—

01875	Atkins's, for Gastro-enterostomy	4	7	6

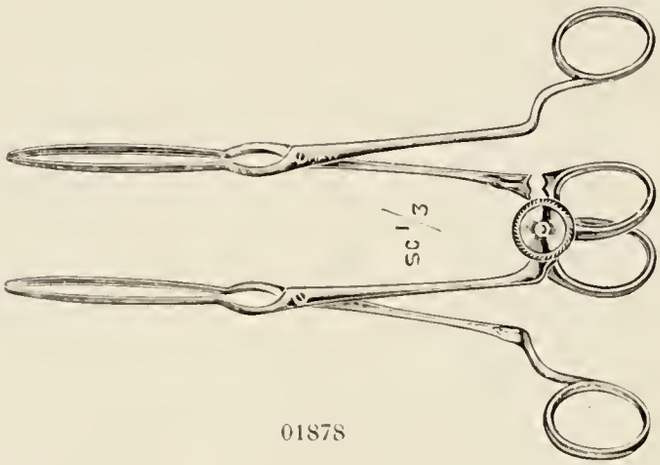
See *British Medical Journal*, Sept. 29th, 1906.

Intestinal Instruments—Contd.—



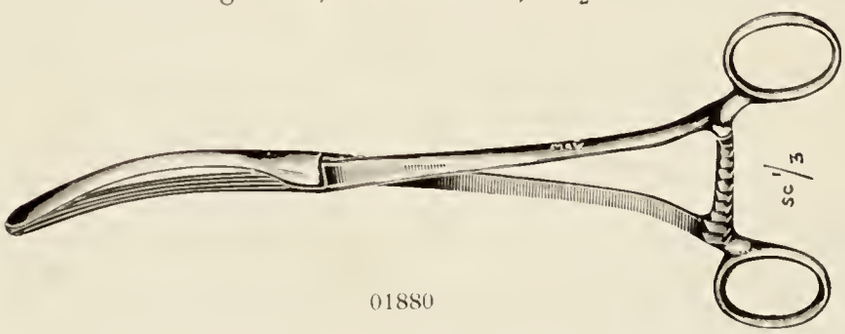
01876

No.	**Bowel and Stomach Clamps—Contd.—**	£	s.	d.
01876	Doyen's, with ribbon blades, for pylorectomy, curved	0	12	0
01877	Do. do. do. do., straight	0	10	6



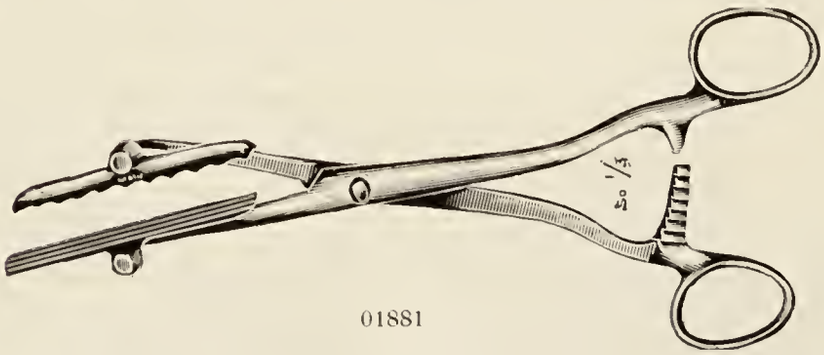
01878

01878	Carwardine's, for end to end anastomosis	1	8	6
01879	Do. large size, for stomach, 10½ in.	2	9	6



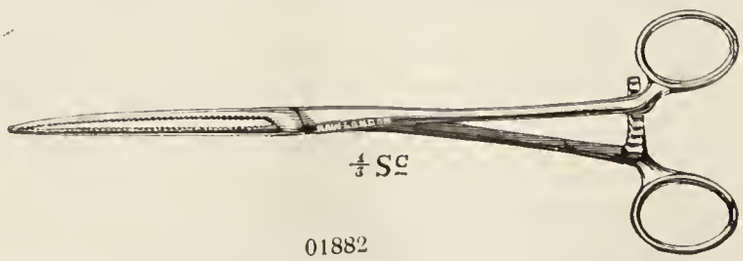
01880

01880	Jordan Lloyd's, for pylorectomy, straight or curved end ..	0	15	0



01881

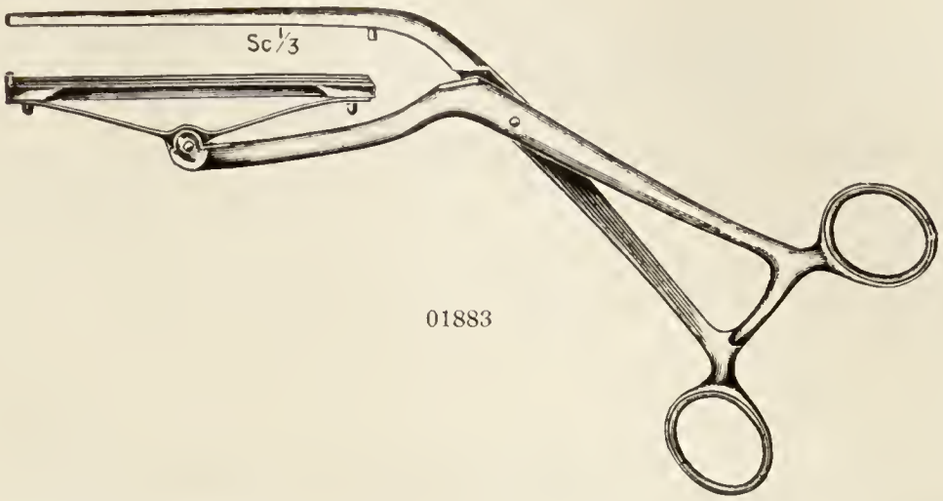
01881	Kocher's	1	2	6



01882

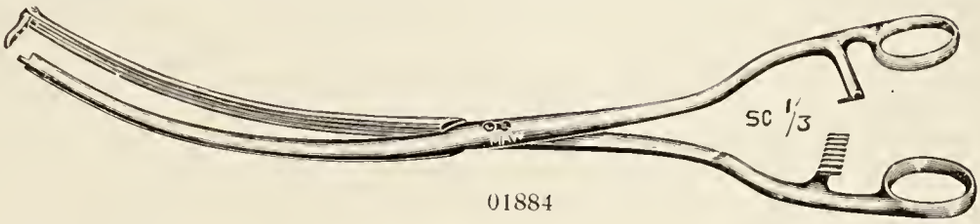
01882	Kocher's, with bowed blades for end to end anastomosis, 6 in., 9/-; 8 in.	0	10	6

Intestinal Instruments—Contd.—



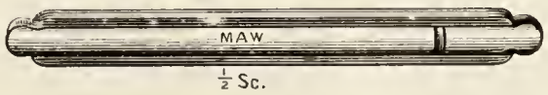
01883

No.	**Bowel Clamps—Contd.—**	£	s.	d.
01883	Kocher's, with parallel blades	1	10	0



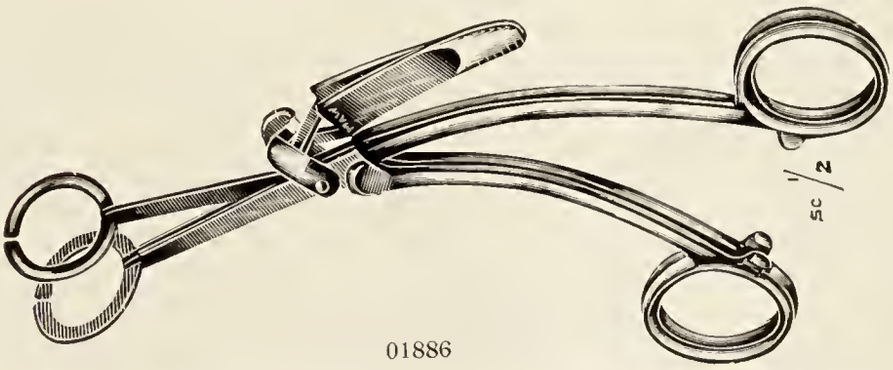
01884

01884	Kocher's, 14 in., for stomach	1	17	6



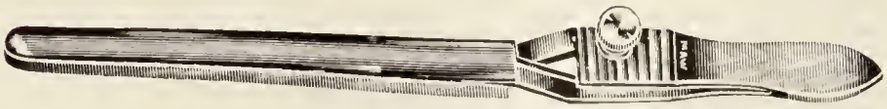
01885

01885	Lane's, with india-rubber band	0	2	6



01886

01886	Laplace's, double disjointing forceps with clip, 4 sizes, $1\frac{1}{2}$ in., $1\frac{1}{4}$ in., 1 in. and $\frac{3}{4}$ in. .. .. per pair	0	15	6
01887	Do. do., for gall bladder, $\frac{3}{8}$ in. .. .. .. ,,	0	15	6



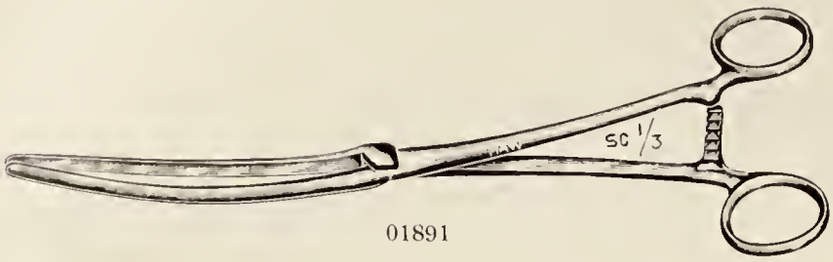
01888 SC 1/3

01888	Makins's, 3 sizes, $1\frac{3}{4}$ in., $2\frac{1}{4}$ in. and $2\frac{3}{4}$ in. blades .. .. each	0	5	0

01889-90

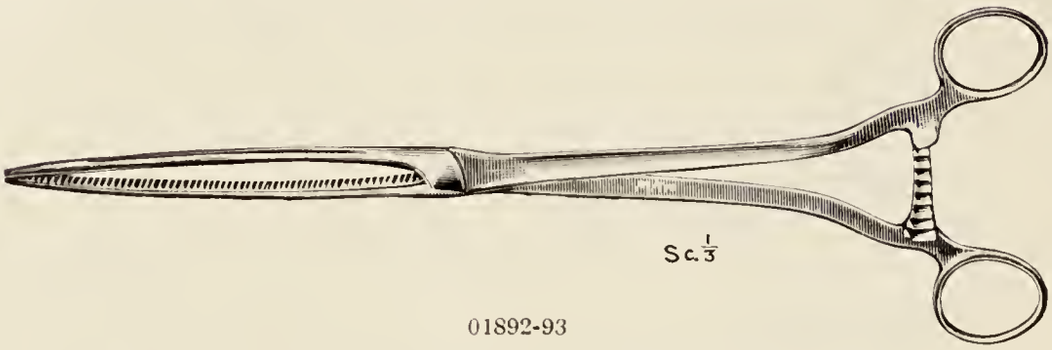
01889	Makins's, improved pattern, $6\frac{1}{2}$ in.	0	10	6
01890	Do. do., 8 in.	0	12	0

Intestinal Instruments—Contd.—



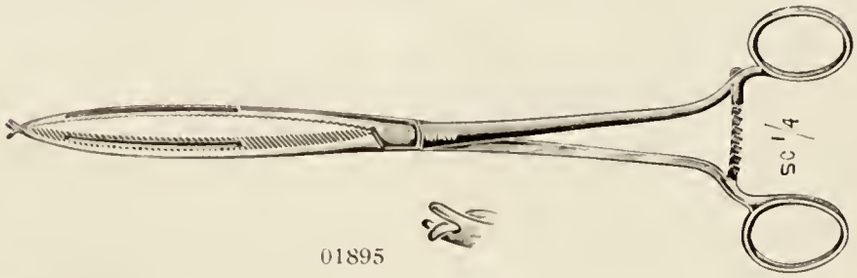
01891

No.	**Bowel Clamps—Contd.—**	£	s.	d.
01891	Mayo Robson's, for gastro-enterostomy, disjointing	0	12	0



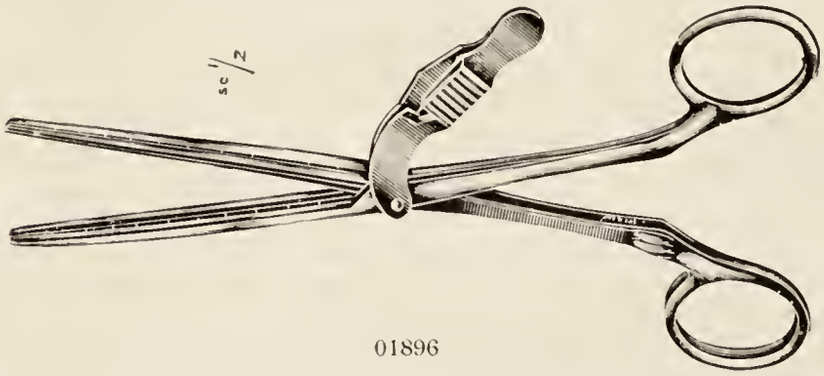
01892-93

01892	Moynihan's for pylorectomy, with slot in blades, 11 in... ..	0	16	6
01893	Do. do. do. do., 8 in.	0	13	0



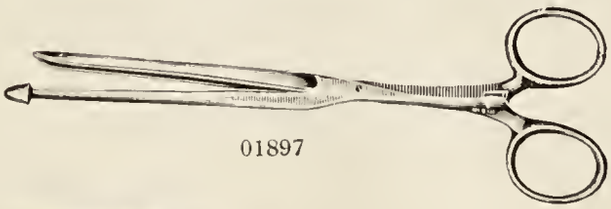
01895

01894	Moynihan's, for stomach, 15 in., with interlocking blades, curved	1	8	0
01895	Do. do. do. do. do., straight	1	6	6



01896

01896	O'Hara's, double forceps with clip .. .. .. per pair	0	14	6



01897

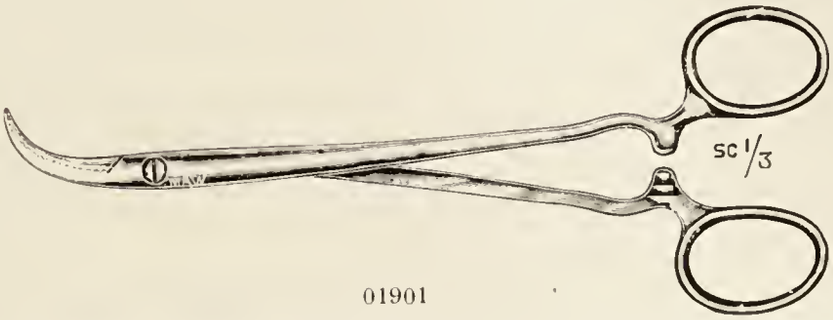
01898

01897	Renton's, 2 sizes .. ..5½ in., 10/6; 6½ in.	0	11	6
01898	Smith's, for gastro-enterostomy, etc.	0	16	0

Intestinal Instruments—Contd.—

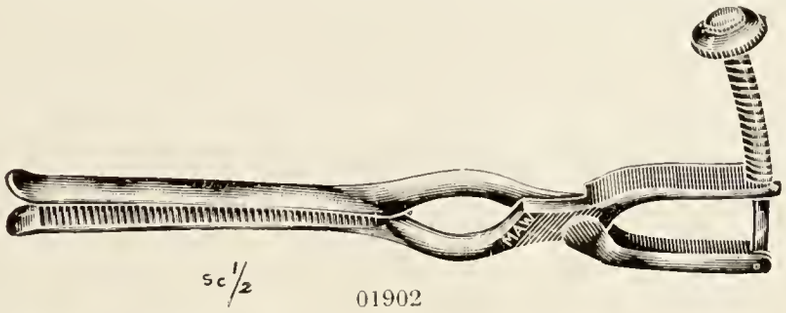
01899

No.		£	s.	d.
	Bowel Rods, for placing under the bowel—			
01899	Glass .. .. per doz.	0	4	0
01900	Vulcanite, as used at the London Hospital per doz., $4\frac{3}{4}$ in., 3/-; $7\frac{1}{2}$ in.	0	6	0



01901

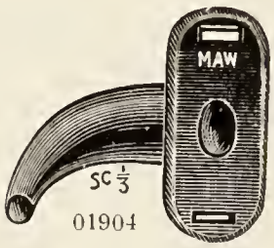
01901	**Cholecystectomy Forceps,** Moynihan's, 9 in., with large bows.. ..	0	10	6



01902

01902	**Colotomy Clamp,** Paul's	0	11	6

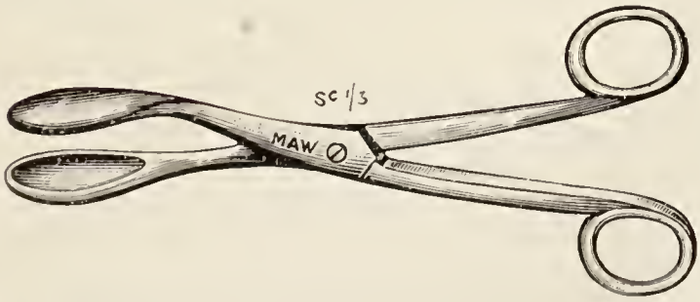
01903



01904

Colotomy Dilators—

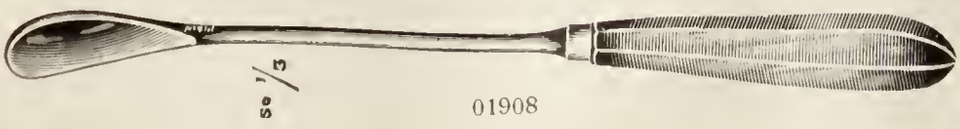
01903	Cripp's, vulcanite	0	3	6
01904	Ryall's, vulcanite	0	6	0



01905

01907

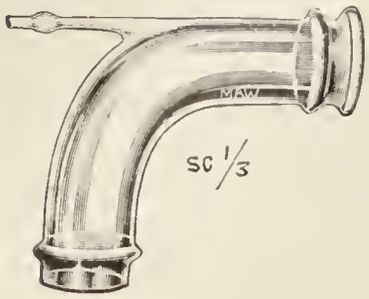
01905	**Colotomy Forceps,** Lund's, for removal of hardened fæcal matter ..	0	7	6
	Colotomy Plugs—			
01906	Jacobson's, with stop-cock	0	5	6
01907	Lane's, india-rubber	0	3	6



01908

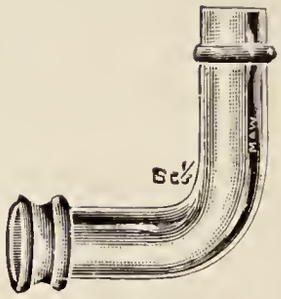
01908	**Colotomy Scoop,** for removal of hardened fæcal matter	0	6	0

Intestinal Instruments—Contd.—



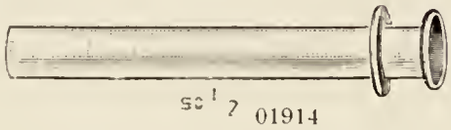
01912

01909



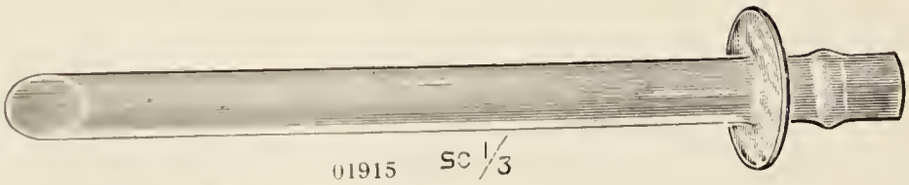
01910

No.	**Drainage Tubes—**	£	s.	d.
01909	For Appendix, Ionides's, silver-plated, 2 sizes .. each 3/6 and	0	4	6
01910	For Colotomy, Paul's, glass, 3 sizes.. .. .. .. ,,	0	0	9
01911	Film Tubing for use with Paul's tubes, 1 in., $1\frac{3}{8}$ in. and $1\frac{5}{8}$ in. per yard	0	1	9
01912	For Colotomy, Fitz William's.. .. .. .. per doz.	0	18	0
01913	India-rubber Tubing for use with ditto .. .. per yard	0	1	9



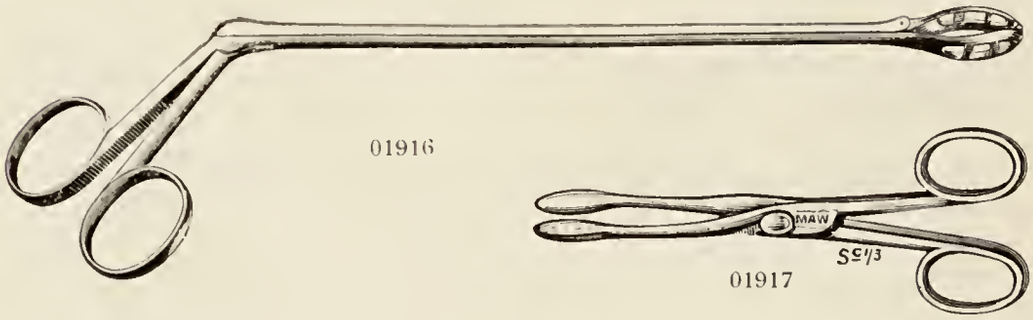
SC 1/2 01914

01914	For Gall Bladder, Burghard's, glass, 4 sizes, $2\frac{1}{4} \times \frac{3}{8}$ in.; $2\frac{1}{4} \times \frac{5}{16}$ in.; $3\frac{1}{4} \times \frac{3}{8}$ in. and $3\frac{1}{4} \times \frac{5}{16}$ in. .. .. .. per doz.	0	4	0



01915 SC 1/3

01915	For Intestine, Moynihan's, glass, 3 sizes, per doz., $\frac{5}{8}$ in., 15/-; $\frac{3}{4}$ in. 18/-; and 1 in.	1	1	0

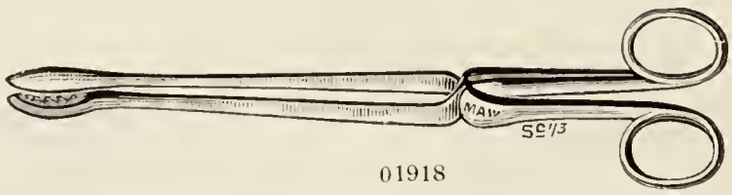


01916

01917

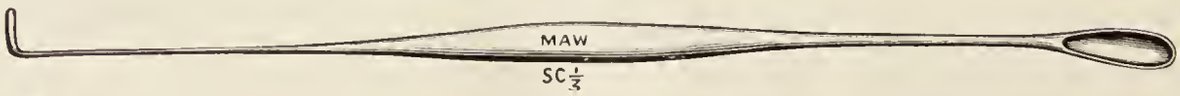
Gall Stone Forceps—

01916	Lawson Tait's	0	18	0
01917	Makins's	0	10	0

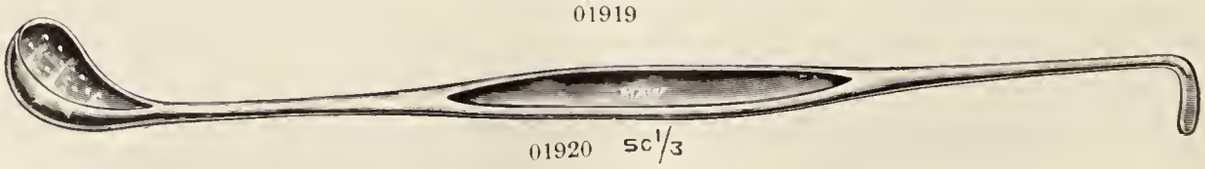


01918

01918	Anderson's, with midwifery joint	0	15	0



01919

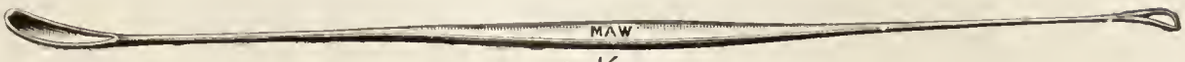


01920 SC 1/3

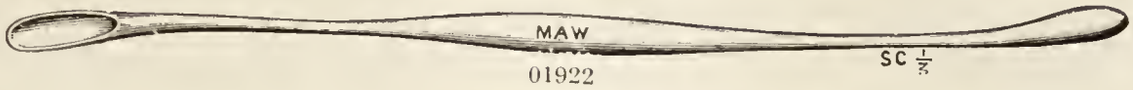
Gall Stone Scoops—

01919	Cheatle's	0	6	0
01920	Do. improved pattern	0	10	0

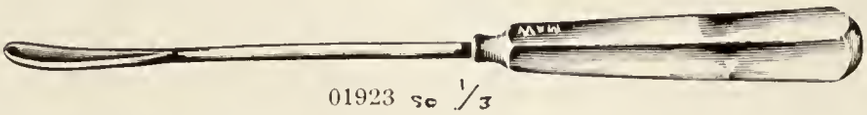
Intestinal Instruments—Contd.—



Sc 1/3 01921

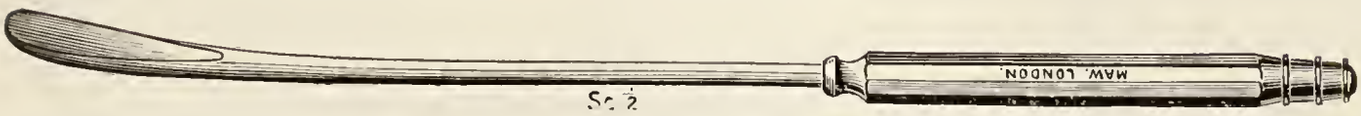


01922 SC 1/3



01923 Sc 1/3

No.	**Gall Stone Scoops—Contd.—**	£	s.	d.
01921	Deanesley's, double-ended	0	7	6
01922	Jordan Lloyd's	0	7	6
01923	Lawson Tait's, with flexible stem	0	6	6



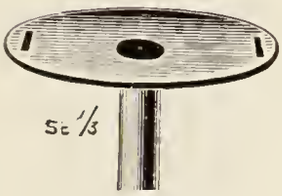
Sc 1/2

01924

01924	Mayo Robson's, silver-plated..	0	6	0

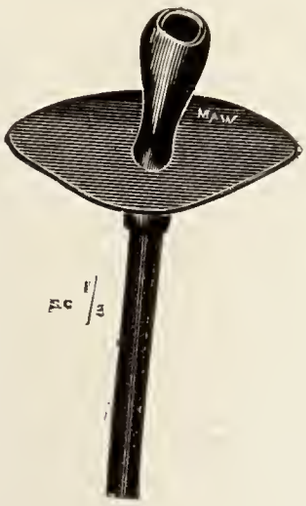
SC 1/3 01925

01925	**Gall Stone Scoop and Probe** combined, Moynihan's, flexible metal, for cystic duct..	0	2	6



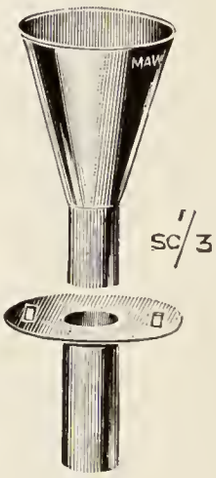
Sc 1/3

01926



SC 1/3

01927



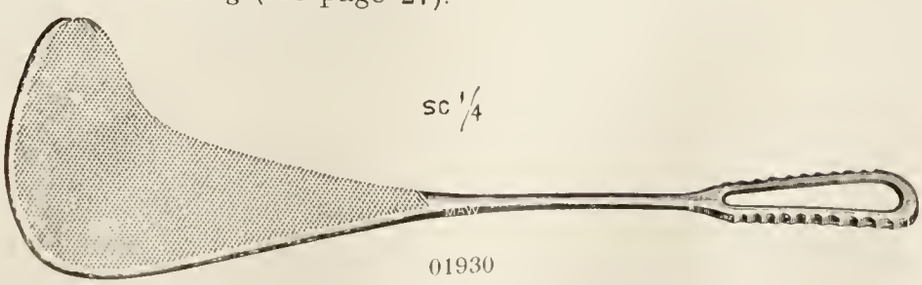
SC 1/3

01928

Gastrostomy Tubes—

01926	India-rubber, 6 sizes .. .. each	0	1	6
01927	Lane's, india-rubber	0	2	0
01928	Silver, with funnel and rod for clearing	1	7	6
01929	**Inflator,** Lund's, 2 sizes, children's and adults	0	10	0

Needles for Suturing (see page 27).



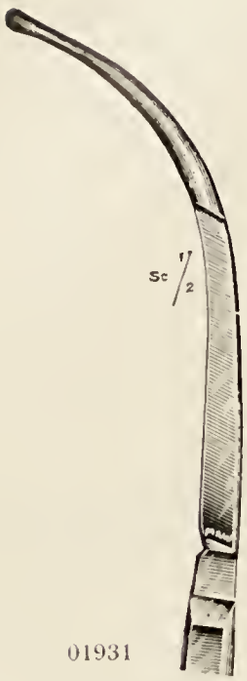
SC 1/4

01930

01930	**Retractor Guard,** St. Thomas's pattern, for protecting the bowel ..	0	19	0

Retractors (see pages 39 to 41).

RECTAL INSTRUMENTS.



01931

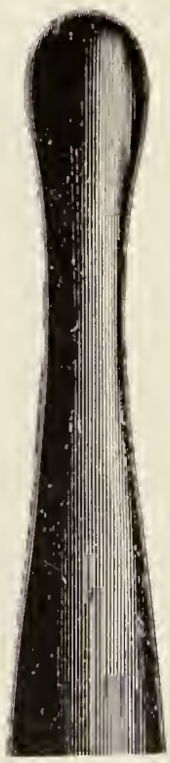
01932

01933

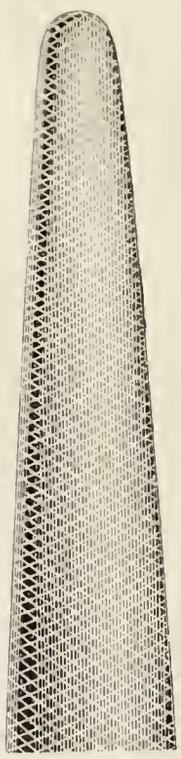
01935

01934

No.	**Bistouries,** for Fistula, solid forged—	£	s.	d.
01931	Curved, probe pointed, long	0	6	0
01932	Do. do., short	0	5	6
01933	Do. blunt ended, Allingham's	0	5	6
01934	Straight, with curved probe point	0	6	0
01935	Curved, sharp pointed	0	4	6

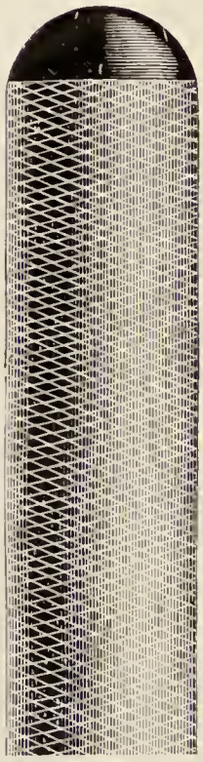


01937



01938

01939



01940

Bougies, elastic gum—

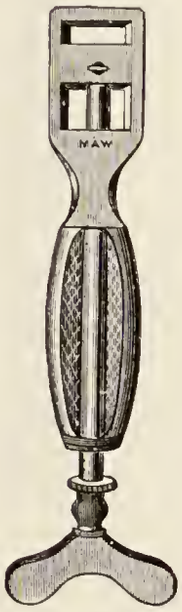
01936	Bulbous, brown	0	2	6
01937	Do. soft black	0	4	6
01938	Conical, brown..	0	2	3
01939	Do. soft black	0	3	9
01940	Cylindrical, brown	0	1	8
01941	Do. soft black	0	3	0

The above Rectum Bougies are numbered 1-12; No. 1 measures 9 mm. in diameter, and No. 12, 27 mm.

Rectal Instruments—Contd.—

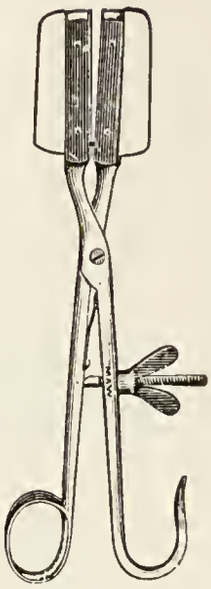
01942

No.		£	s.	d.
01942	**Bougies,** vulcanite, in nest of 6 .. ..per set	0	7	0
	Cautery Irons—			
01943	Gowlland's, set of 2, fitting one handle	0	7	0
	Paquelin's, Thermo-cautery (see page 630).			



01944

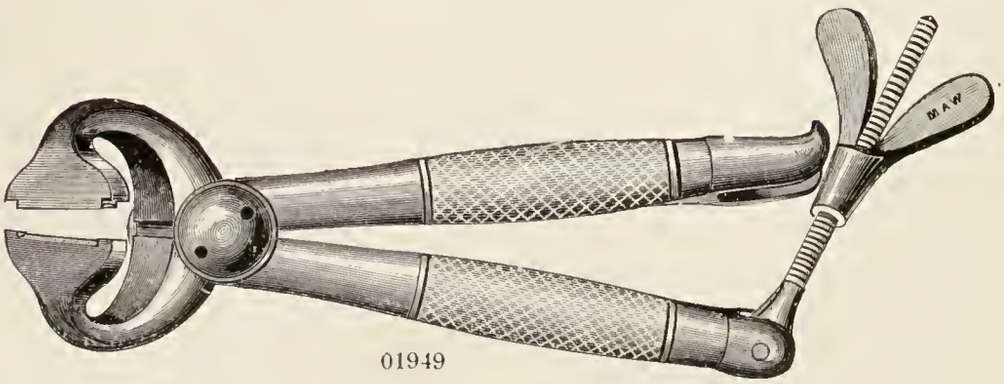
01945



01947

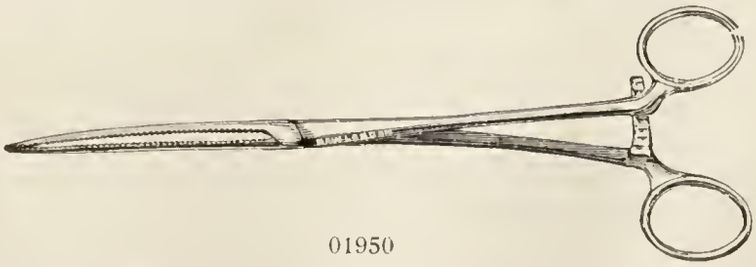
Clamps—

01944	Allingham's, screw pattern, for crushing	1	7	6
01945	Coates's	0	16	6
01946	Gowlland's	0	13	0
01947	Smith's	0	18	0
01948	Sydney Jones's, angular	1	0	0



01949

01949	Pollock's, for crushing..	1	10	0

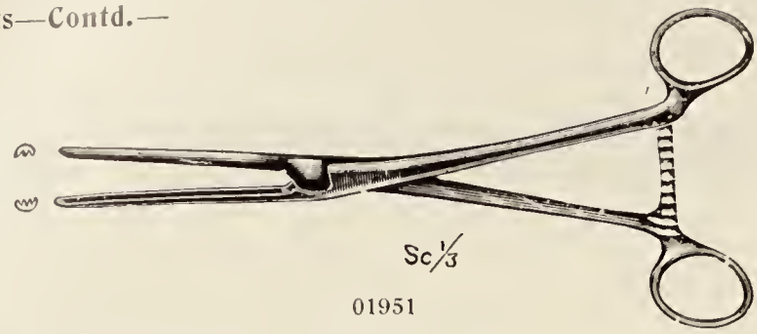


01950

Forceps, for after-suturing the skin—

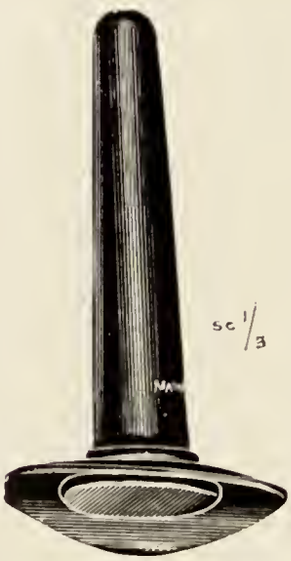
01950	With slender parallel blades, 6 in.	0	9	0

Rectal Instruments—Contd.—



01951

No.	**Forceps,** for after-suturing the skin—**Contd.**—	£	s.	d.
01951	Eve's, for suturing, with grooved blades, disjointing	0	14	6



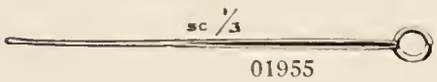
01952

01953

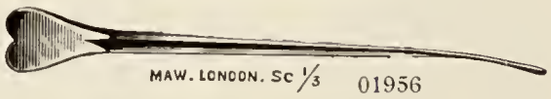
01954

Dilators—

01952	Cripp's, vulcanite, with india-rubber flange, 12 sizes ..	each	0	3	6
01953	Pearce Gould's, vulcanite, with cross handle, 12 sizes ..	,,	0	3	0
01954	St. Mark's Hospital pattern, 3 sizes, Nos. 8, 9 and 10 ..	,,	0	1	6



01955



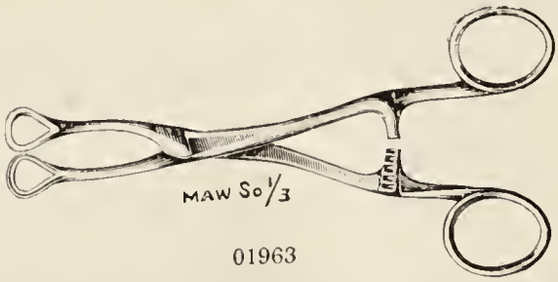
01956

Directors—

01955	Allingham's, nickel-plated, with ring	0	2	6
01956	Brodie's, silver, 2 sizes .. .. .. $5\frac{1}{2}$ in., 5/6; 8 in.	0	7	6
01957	Do. plated, 2 sizes, $5\frac{1}{2}$ and 8 in.	0	3	0
01958	Do. steel, 2 sizes, $5\frac{1}{2}$ and 8 in.	0	3	0
01959	Gowlland's, steel	0	4	6

01960

01962

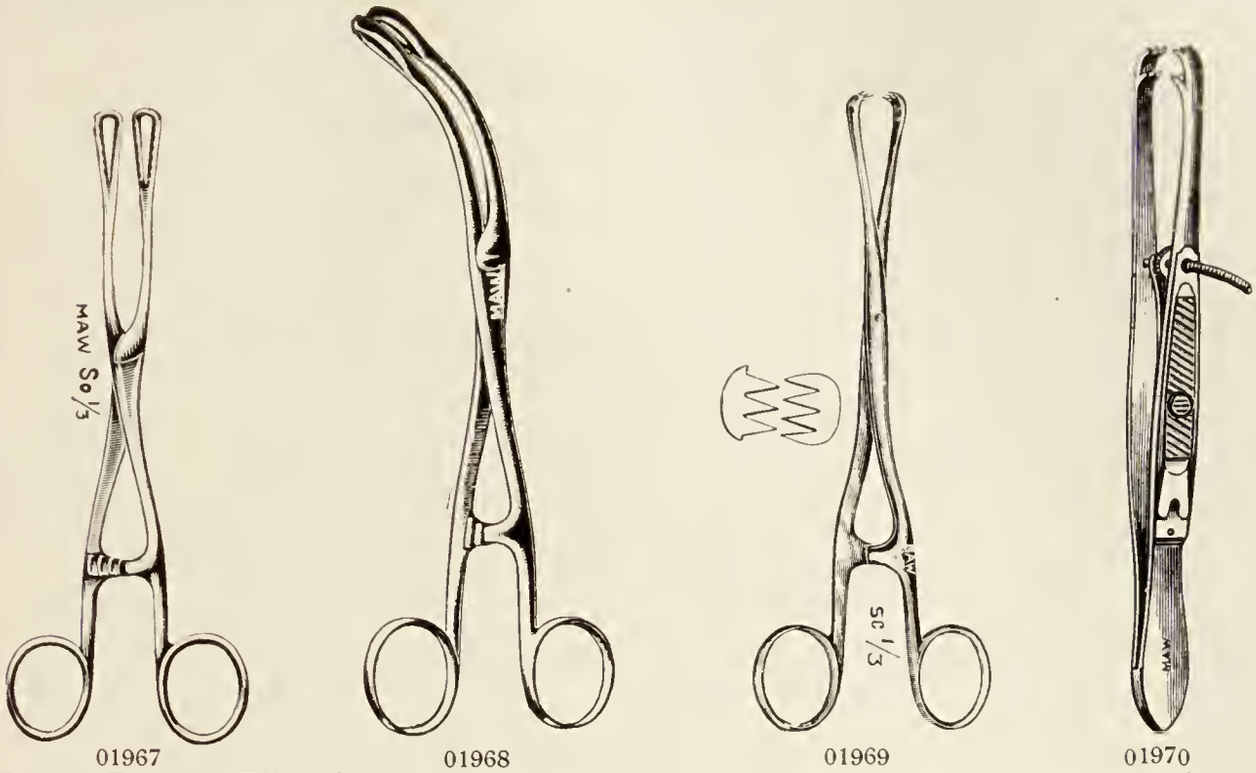


01963

Forceps, Pile—

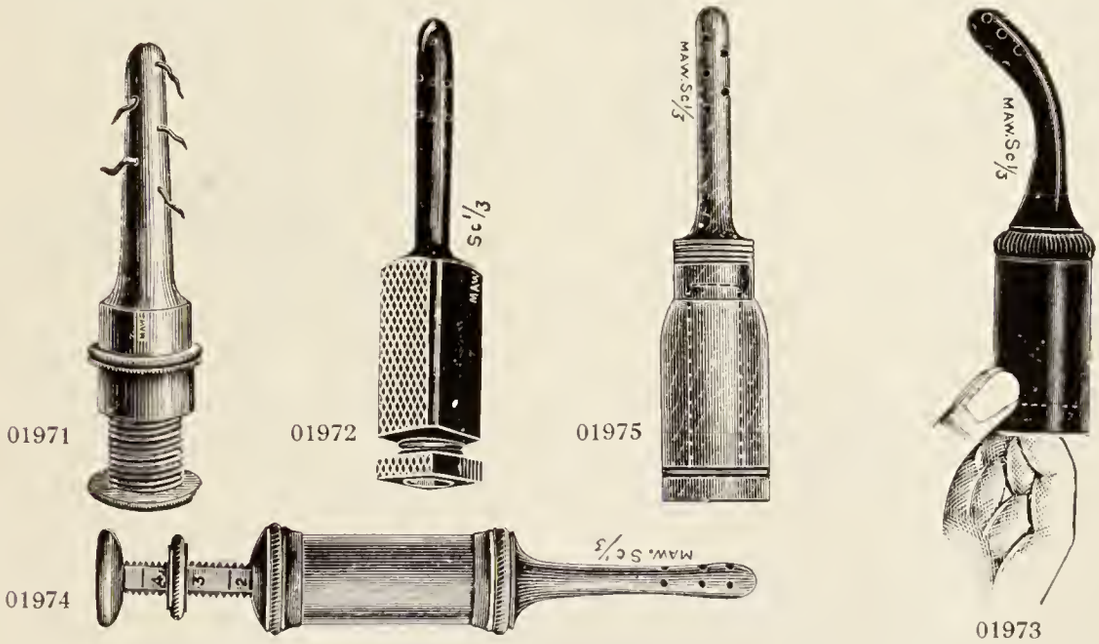
01960	Allingham's, with ivory end, spring action	0	9	6
01961	Bryant's, with slide catch	0	12	0
01962	Cripps's, with ivory end	0	19	6
01963	Fenestrated, with large ring blade, disjointing 6 in., 8/-; 7 in.	0	9	0
01964	Do. do. do., screw joint 6 in., 7/-; 7 in.	0	8	0

Rectal Instruments—Contd.—



01967 01968 01969 01970

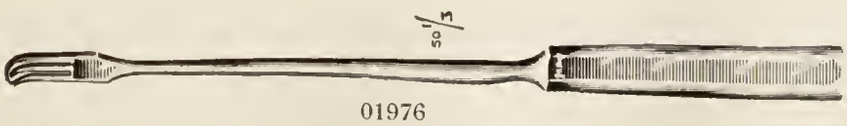
No.	**Forceps,** Pile—**Contd.—**	£	s.	d.
01965	Fenestrated, with small ring blade, disjointing 6 in., **8/-**; 7 in.	0	9	0
01966	Do. do. do., screw joint 6 in., **7/-**; 7 in.	0	8	0
01967	Do. with oval blades, disjointing .. 6 in., **8/6**; 7 in.	0	10	6
01968	Curved, with rack, disjointing	0	12	0
01969	Eve's .. .. 7 in., **8/-**; 8 in.	0	9	0
01970	Wilcox's	0	10	6



01971 01972 01975 01973 01974

Ointment Introducers—

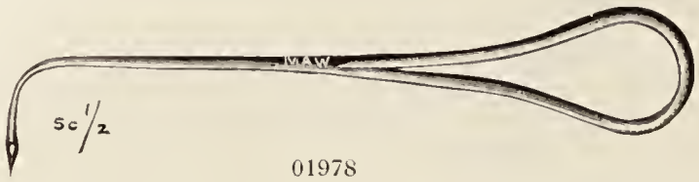
01971	Ainsley's, screw action .. .. boxwood **1/9**; vulcanite	0	2	8
01972	Allingham's, screw action .. .. ,, **2/-**; ,,	0	4	0
01973	Cousins's, vulcanite, with loose diaphragm..	0	3	0
01974	Pearce Gould's, with graduated piston and fly-nut boxwood **3/-**; vulcanite	0	5	0
01975	Ryall's, with piston, vulcanite	0	3	6



01976

01976	**Pile Hooks,** solid forged, Salmon's, with 3 prongs	0	6	6
01977	Do. do. do., with 2 prongs	0	5	6

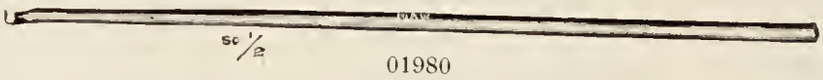
Rectal Instruments—Contd.—



01978

01979

No.	**Pile Needles—**	£	s.	d.
01978	Cripp's	0	4	6
01979	Rectangular, curved, with metal handle	0	6	0

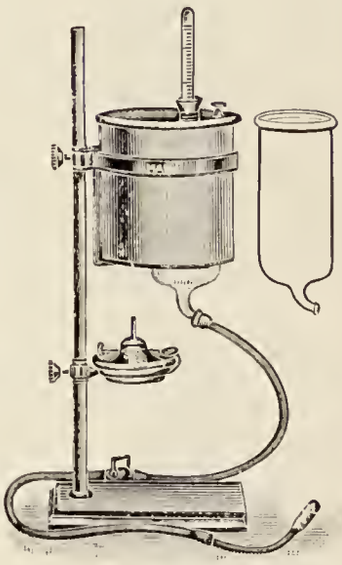


01980

01980	**Probe,** St. Mark's Hospital pattern, for plugging	0	1	6

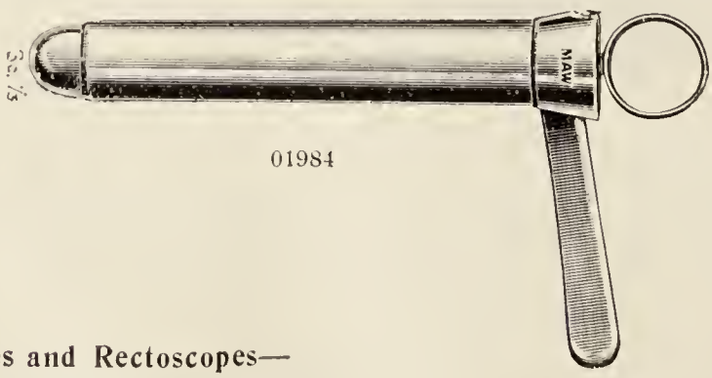
01981

01982



01983

01981	**Plugs,** vulcanite	0	2	0
01982	Do. do.	0	2	0
01983	**Proctoclysis Apparatus,** Macnaughton Jones's, consisting of iron stand, copper outer vessel for warm water, glass inner vessel for saline solution, lamp, thermometer, india-rubber tubing, stopcock and flexible metal rectal pipe	1	16	0

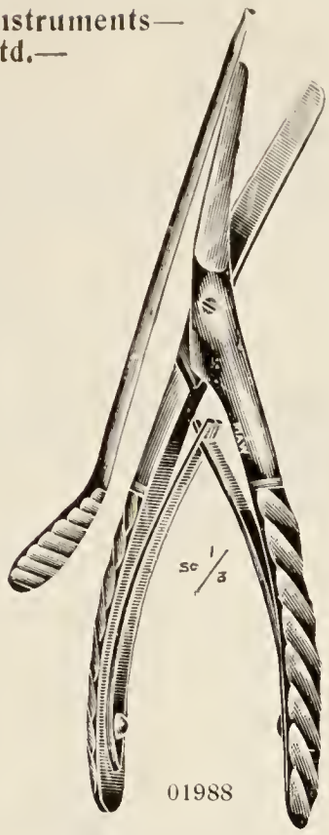


01984

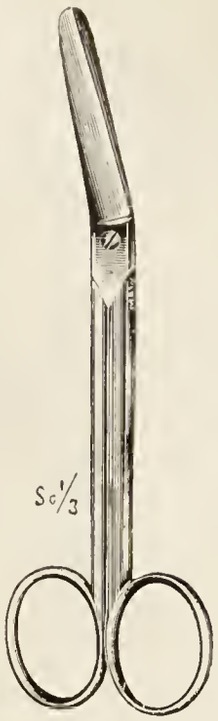
Proctoscopes and Rectoscopes—

01984	Kelly's, long, 6 in.	0	7	6
01985	Do. short, 5 in.	0	7	6
01986	Lockhart Mummery's (similar to fig. 01991, but only 6 in. long), with flexible cord and lamp complete..	2	10	6
01987	Spare Lamps, for Nos. 01986 and 01991 .. .. each	0	3	6

Rectal Instruments—
Contd.—



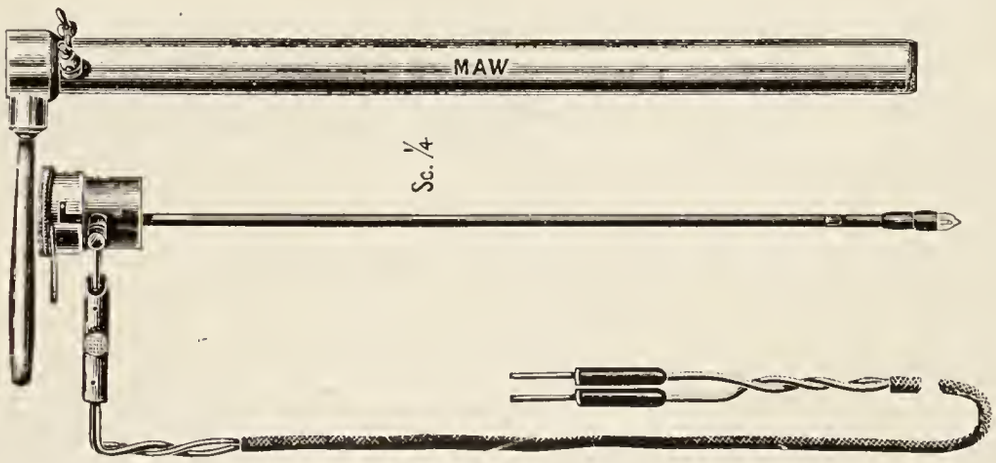
01988



01989

01990

No.	Scissors—	£	s.	d.
01988	Allingham's, with director, for fistula	1	1	0
01989	Angular on flat, 6 in., for hæmorrhoids	0	5	6
01990	Salmon's, for hæmorrhoids	0	13	6



01991

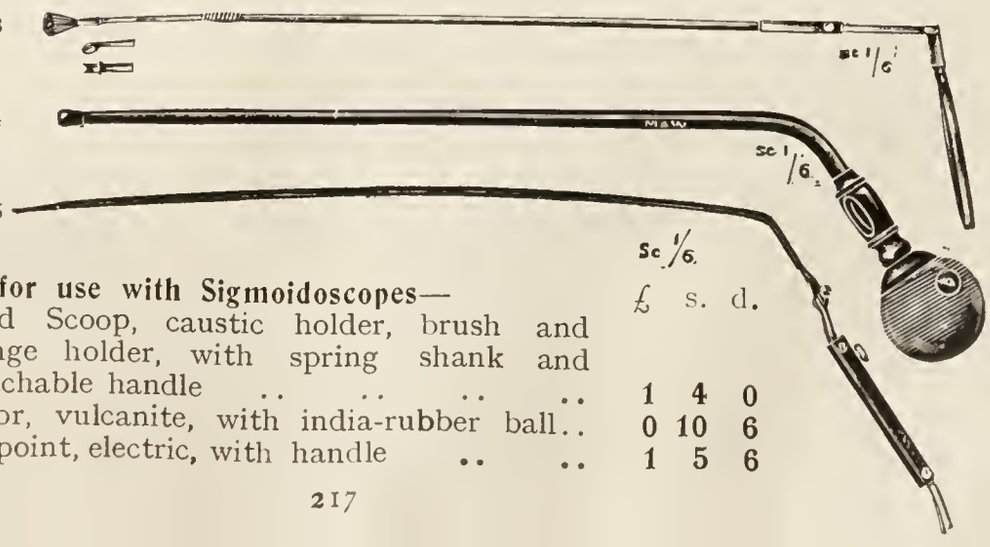
Sigmoidoscopes—

01991	Lockhart Mummery's, 13 in., with bulbous end, flexible cord and lamp	2	5	0
01992	Kelly's, length 14 in., as fig. 01984	0	14	6

01993

01994

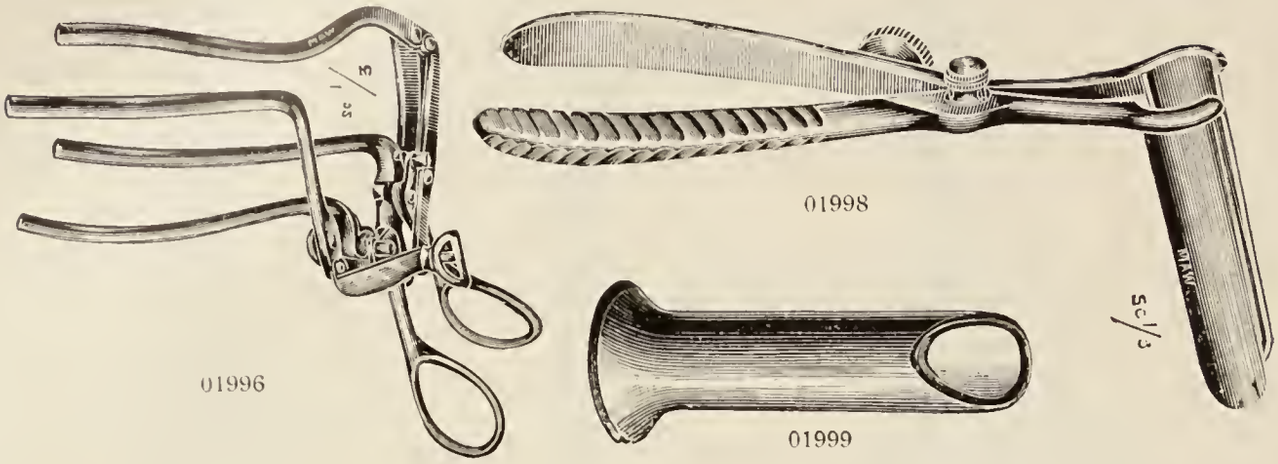
01995



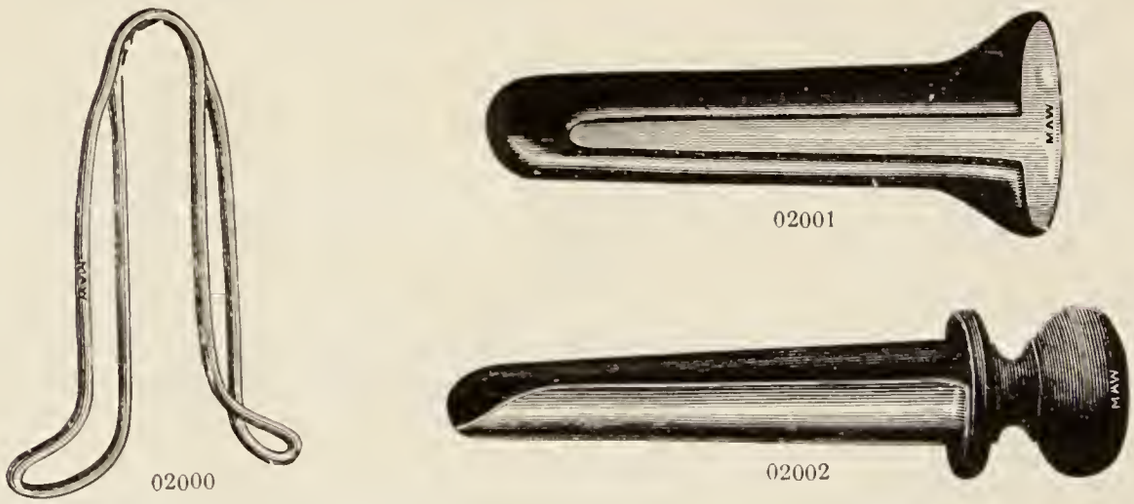
Instruments for use with Sigmoidoscopes—

		£	s.	d.
01993	Combined Scoop, caustic holder, brush and sponge holder, with spring shank and detachable handle	1	4	0
01994	Insufflator, vulcanite, with india-rubber ball..	0	10	6
01995	Cautery point, electric, with handle	1	5	6

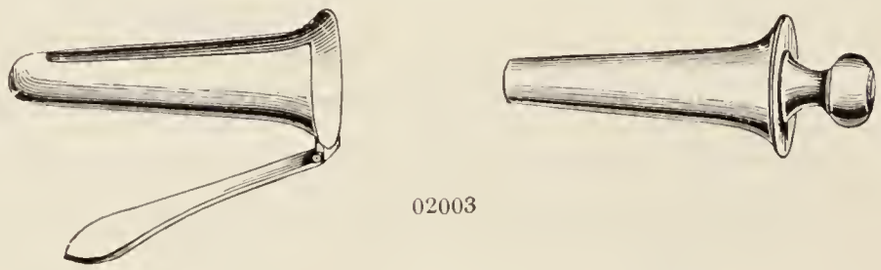
Rectal Instruments—Contd.—



No.		£	s.	d.
	Specula—			
01996	Allingham's, 4-bladed, steel	2	7	6
01997	Do. metal, with ebony plug	0	9	6
01998	Bodenhamer's, bivalve, disjointing	0	14	6
01999	Fergusson's, glass, covered with elastic gum	0	3	0



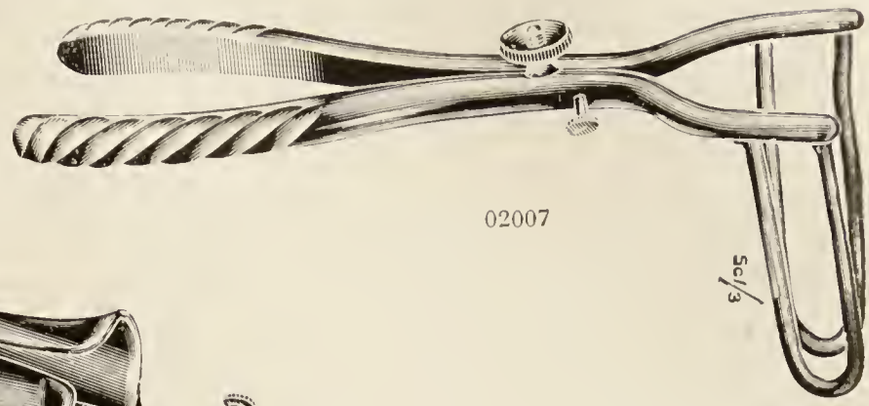
02000	Davy's, wire	0	4	6
02001	Gowlland's, glass, covered with elastic gum	0	3	0
02002	Do. metal, with ebony plug	0	8	6



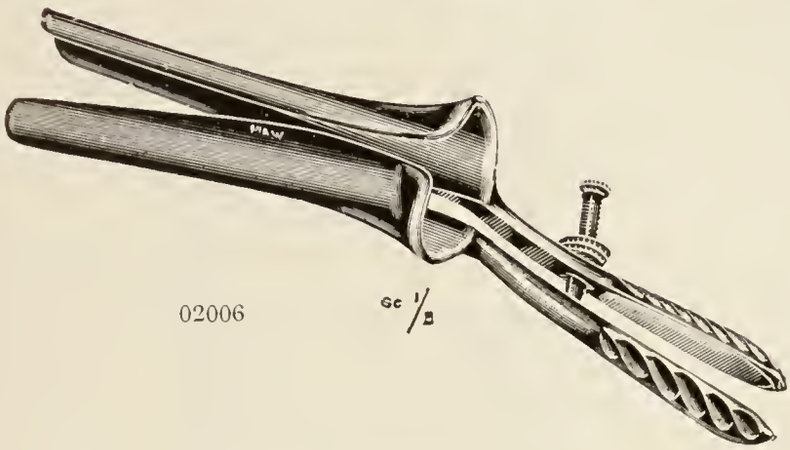
02003	Hilton's, with plug	0	10	6

02004	Hinged, dilating	0	13	6
02005	Lockhart Mummery's	0	6	6

Rectal Instruments—Contd.—



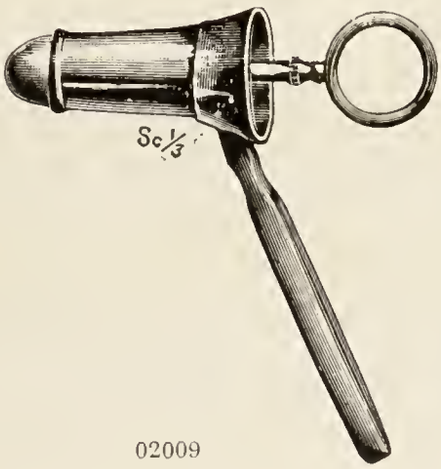
02007



02006

Specula—Contd.—

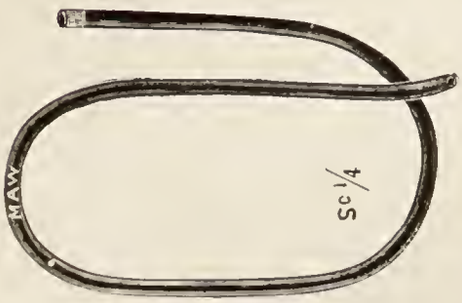
No.		£	s.	d.
02006	Ricord's, with metal handles	0	12	0
02007	Sims's, fenestrated	0	13	6



02009

Sphincteroscopes—

02008	Kelly's, length 2 in.	0	10	0
02009	Lockhart Mummery's	0	10	0



02010

02013

Tubes for use per Rectum—

02010	India-rubber, Jaques's, 30 in.	0	2	6
02011	Do., Maw's, 30 in.	0	1	8
02012	Do., for the Plombière treatment of colitis, 13½ in. ..	0	1	4
02013	Vulcanite, for use after excision	0	3	0

INSTRUMENTS FOR RENAL SURGERY.

02014

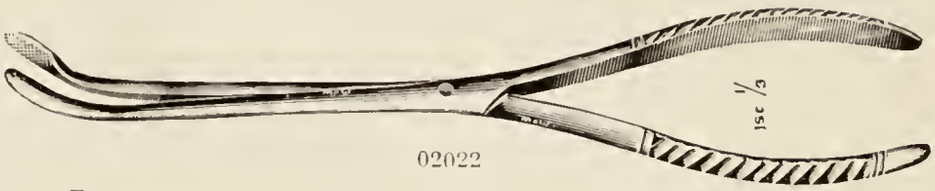
02017

02018

02019

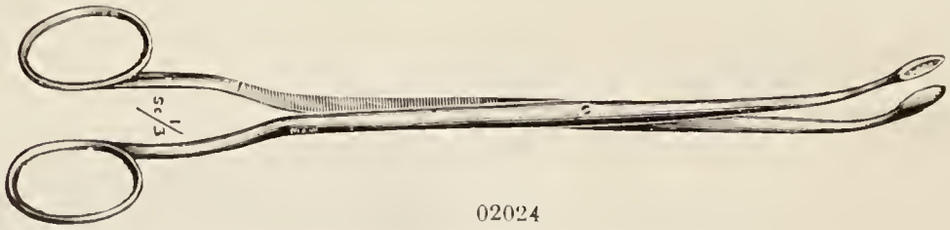
02020

No.		£	s.	d
02014	**Bistoury,** Morris's, for dividing adhesions, etc.	0	6	6
02015	**Blunt Lance,** Lucas's, with shoulder	0	7	0
02016	**Lance Forceps,** Lucas's, for dilating the kidney wound	0	10	6
02017	**Needle,** Morris's, for ligaturing the pedicle	0	5	0
02018	**Scissors,** Morris's, angular..	0	7	0
	Stilettoes, for probing the kidney in search of stone—			
02019	Curved	0	4	0
02020	Straight..	0	4	0

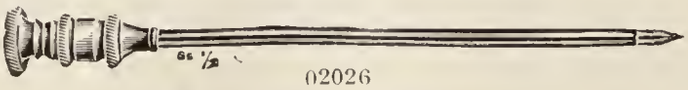

02022

Stone Forceps—

02021	Lucas's	0	10	0
02022	Morris's, curved, for crushing stones in the kidney	0	10	6
02023	Do. straight, do. do.	0	10	6


02024

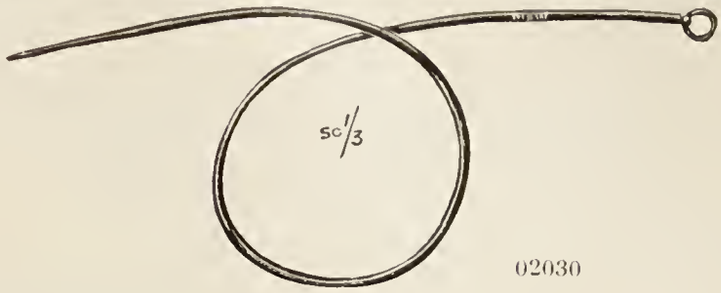
02024	Morris's, with bow handles and cup jaws, curved	0	9	6
02025	Do. do. do., straight	0	9	0


02026

Trocars—

02026	Morris's, with groove to act as director for knife when opening pus cavity	0	13	6
02027	Fine, for exploring, 6 in.	0	7	6
02028	Large, for withdrawing pus	0	7	0

Instruments for Renal Surgery—Contd.—



02030

No.	Uretral Bougies—	£	s.	d.
02029	Kelly's, elastic gum	0	2	6
02030	Morris's, elastic gum, with lead stilette, for passing down the ureter after opening the kidney in order to ascertain if the tube is patent	0	2	6
02031	**Uretral Catheter,** elastic gum	0	3	0

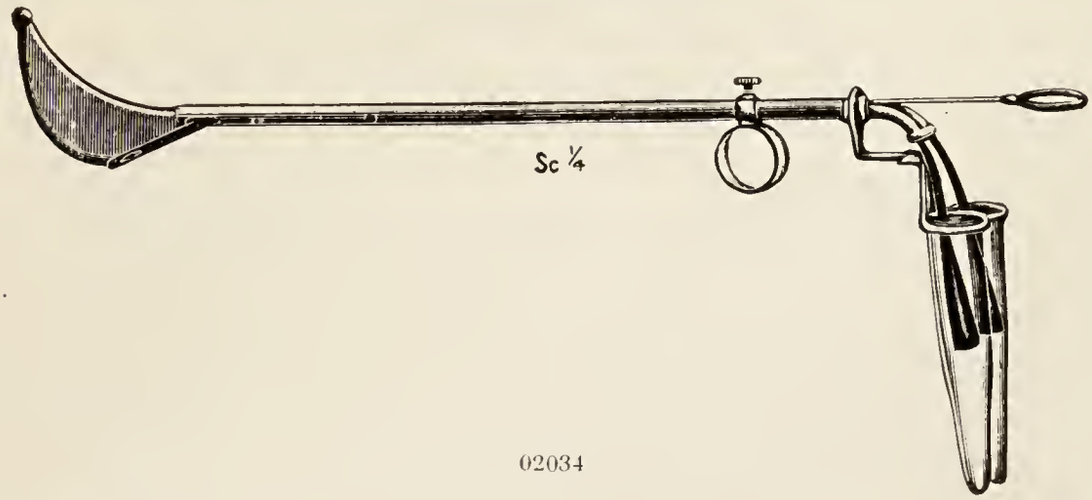
02032

02032	**Uretral Scoop,** Thompson Walker's	0	3	6

02033

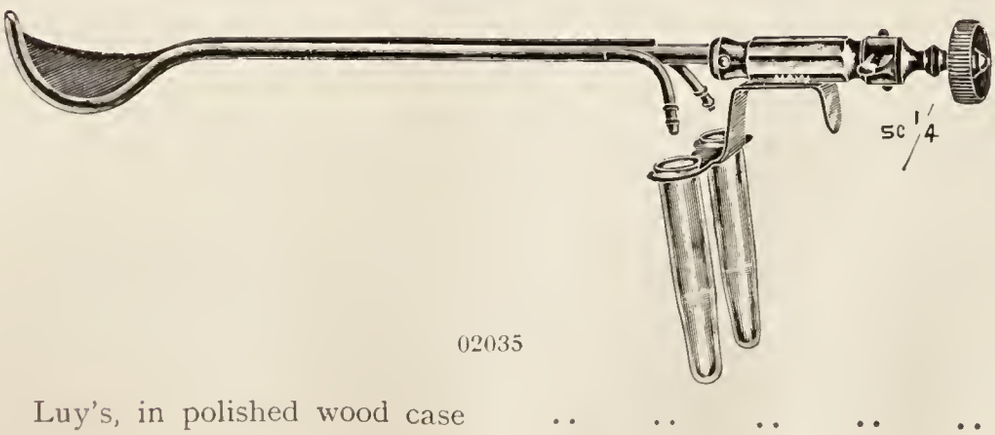
Urine Segregators—

02033	Cathelin's, for dividing the bladder into two parts, so that the urine from either kidney can be separately drawn off, complete with stand and two glass tubes, in aseptic metal case..	9	9	0



02034

02034	Lambotte's, in aseptic metal case	5	5	0



02035

02035	Luy's, in polished wood case	3	10	0

KELLY'S INSTRUMENTS FOR EXAMINING THE URETERS.

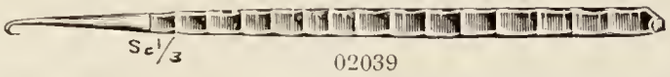
02036

No.		£	s.	d.
02036	**Cotton Wool Forceps**	0	7	6

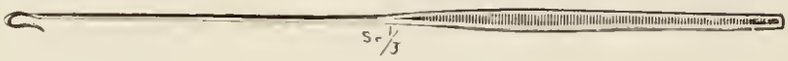
02037

02038

02037	**Calibrator,** for gauging the size of the urethra..	0	3	6
02038	**Dilators,** for female urethra, 8 sizes, $\frac{20}{19}$, $\frac{18}{17}$, $\frac{16}{15}$, $\frac{14}{13}$, $\frac{12}{11}$, $\frac{10}{9}$, $\frac{8}{7}$, $\frac{6}{5}$ mm. diameter .. .. each	0	3	6



02039



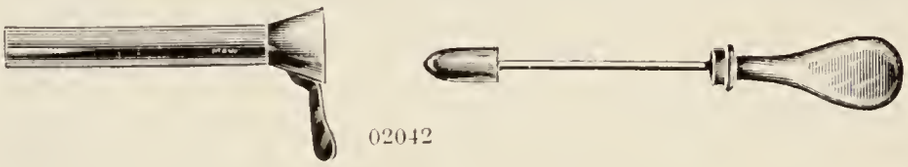
02040

Hooks, solid forged—

02039	Single, sharp	0	3	0
02040	Shepherd's crook	0	3	0

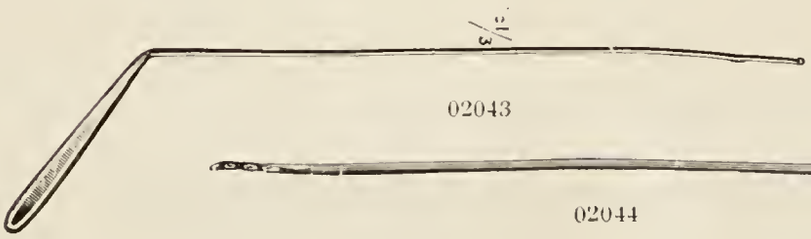
02041

02041	**Pillow,** white mackintosh, to inflate, for raising the loin, 14 in. by 6½ in.	0	14	6



02042

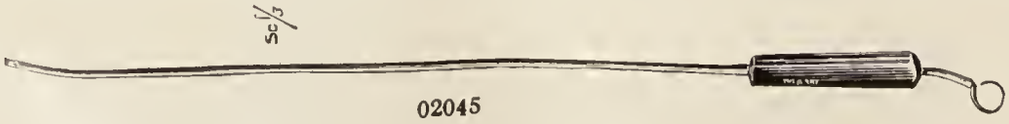
02042	**Urethra Specula,** 16 sizes, 5-20 mm. diameter .. .. .. each	0	8	0



02043

02044

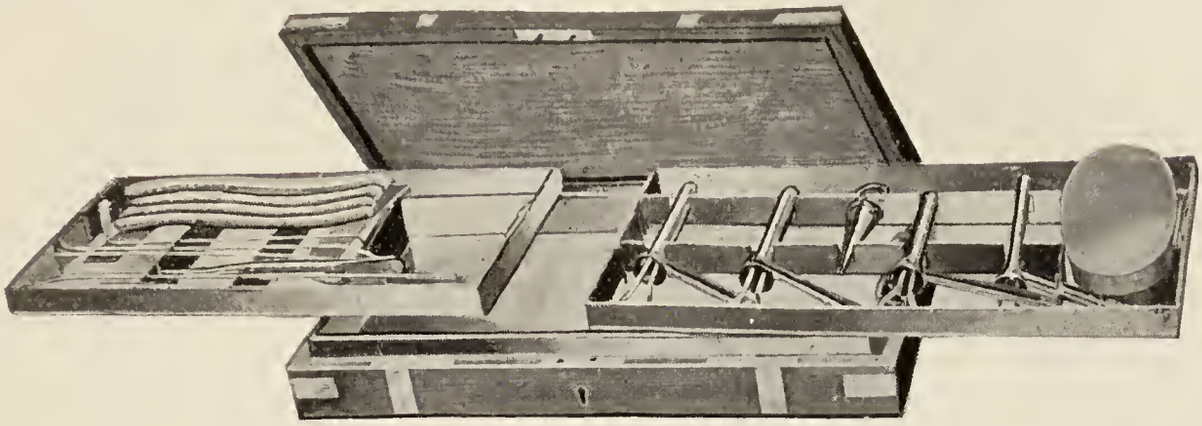
02043	**Uretral Searcher,** flexible metal	0	3	0
02044	**Uretral Catheter,** Kelly's, with plug	0	5	6



02045

02045	**Uretral Catheter,** Pawlick's, used also by Kelly..	0	5	6
02046	**Uretral Bougies,** whalebone .. .. per doz.	0	12	0

Instruments for Renal Surgery—Contd.—

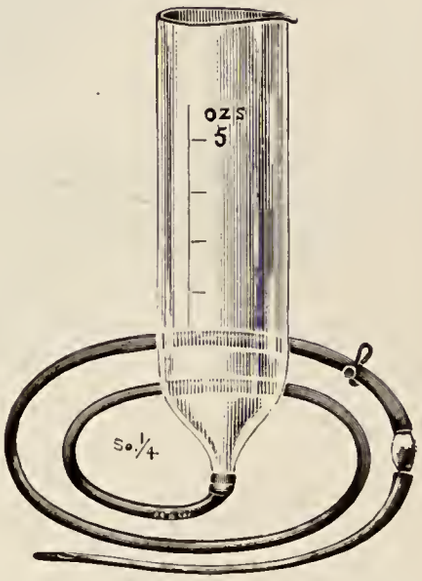


02047

No.	Sets of Instruments for Renal Surgery—	£	s.	d.
02047	Kelly's Set, consisting of—			
	Calibrator .. .. .. 1; Catheter, Pawlick's .. .. 1; Do. Kelly's .. .. 1; Do. do. .. .. 1; Cotton Wool Probe .. .. 1; Cystoscopes, Nos. 8, 10, 12 and 14 4; Dilators .. .. 4; Evacuator .. .. 1; Searcher .. .. 1; Wool Forceps 1			
	Instruments fitted into metal frames, with sterilizing tray, and the whole contained in a brass-bound oak case, with lock and key	6	6	0
02048	Lucas's Set, consisting of—			
	Blunt Lance .. .. .. 1; Calculus Forceps, angular .. 1; Do. curved .. 1; Lance Forceps .. .. .. 1; Large Knife .. .. .. 1; Nephrectomy Knife .. .. 1; Nephrectomy Needle .. .. 1; Nephrectomy Scissors, angular .. 1; Do. do. curved .. 1; Probe, 10 in. .. .. .. 1; Retractors, double hook .. .. 2; Stiletto, curved .. .. .. 1; Do. straight .. .. .. 1; Scalpels 2			
	Instruments fitted into polished walnut case, with lock and key	7	10	0
02049	Morris's Set, consisting of—			
	Artery Forceps, Wells's .. 6; Bistoury (No. 02014) .. .. 1; Dissecting Forceps, 6 in. .. 2; Clamp Forceps, curved .. .. 1; Do. straight .. 1; Long Spring Forceps (No. 02036) 1; Stone Forceps, for crushing .. 1; Stone Forceps, with cup blades 1; Probing Needle .. .. .. 1; Retractors, Morris's .. pair 2; Scalpels .. .. 2; Scissors, strong (No. 02018) .. 1; Trocars, grooved 2			
	Instruments fitted into brass-bound mahogany case, with lock and key	10	10	0

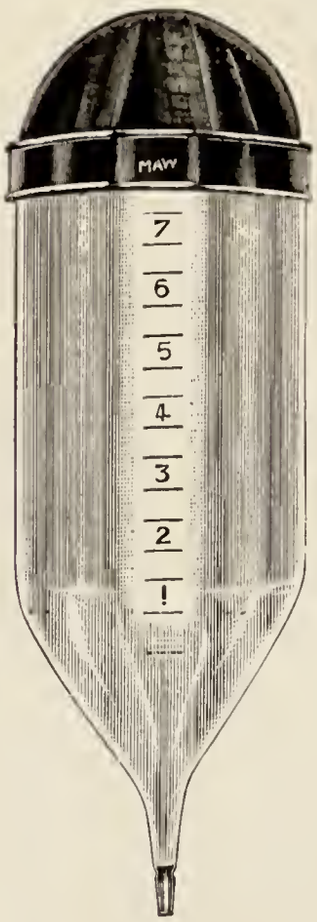
BLADDER AND URETHRA INSTRUMENTS.

02050

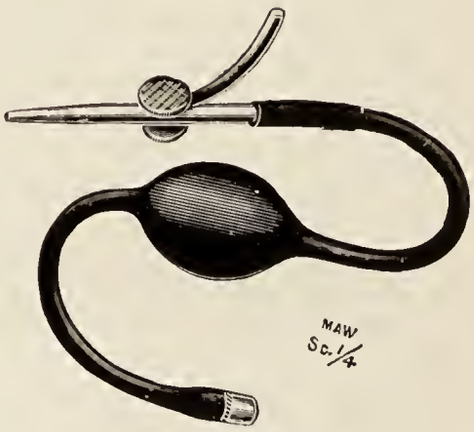


02051

No.		£	s.	d.
	Bladder and Urethra Irrigators—			
02050	Harrison's, consisting of glass reservoir with wire hanger, 5 ft. of red india-rubber tubing, stop-cock, two-way metal pipe and india-rubber catheter	0	12	0
02051	Portable, consisting of glass cylinder with lip, graduated to 6 oz., 5 ft. of red india-rubber tubing, pinch-cock, glass mount, and india-rubber catheter	0	5	9



02052



02053

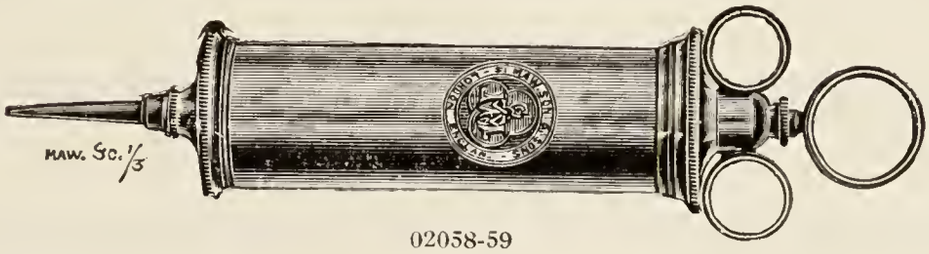
02052	India Office pattern, 8 pint, graduated, with metal cover ..	0	6	6
02053	Buckston Browne's, india-rubber, with two-way metal pipe, for use with catheter, in sponge bag	0	6	6

Bladder and Urethra Instruments—Contd.—

02055

02057

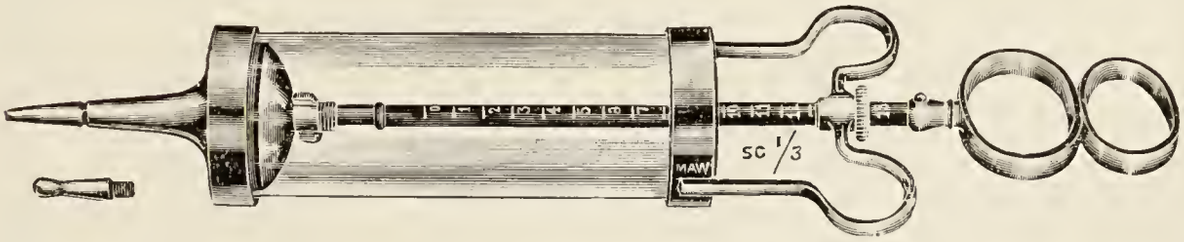
No.		£	s.	d.
	Bladder Irrigator Pipes—			
02054	Metal, Buckston Browne's, nickel-plated (as shown in illustration 02053)	0	4	6
02055	Vulcanite, conical, single way, with push-over cock, Maw's super quality	0	3	0
02056	Do. do. do., "B" quality	0	1	4
02057	Do. do. two-way, with taps	0	4	3



02058-59

Bladder Syringes—

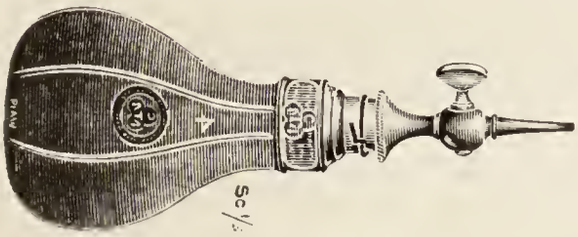
02058	Brass, with 3 rings, 4 oz. capacity	0	9	0
02059	Nickel-plated, do., with solid metal piston, 4 oz. capacity ..	0	8	6



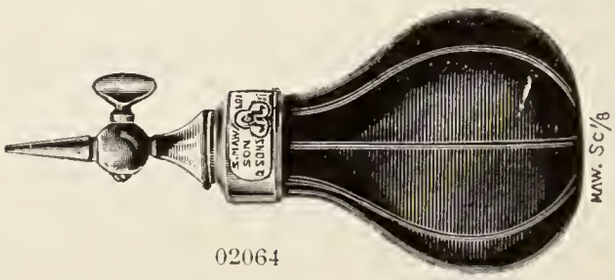
02060

02060	Thompson Walker's, 6 oz.	0	11	6

As a lubricant for the above syringes, liquid paraffin (B.P.) is recommended in preference to oil.

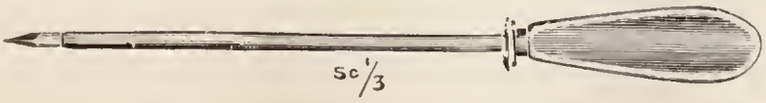


02061-63



02064

02061	India-rubber, Herring's, 4 oz., with bayonet catch nozzle, brass..	0	7	9
02062	Do. do. do. do., silver-plated	0	8	6
02063	Do. do. do. do., solid silver..	1	10	0
02064	Do. Thompson's, 4 oz., with screw brass nozzle ..	0	7	6

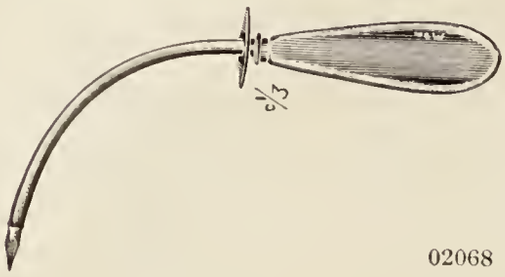


02065

Bladder Trocars, with metal handles—

02065	Straight, for supra pubic puncture	0	7	6
02066	Curved, for puncture per rectum	0	10	0

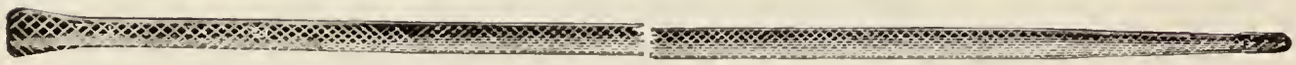
Bladder and Urethra Instruments—Contd.—



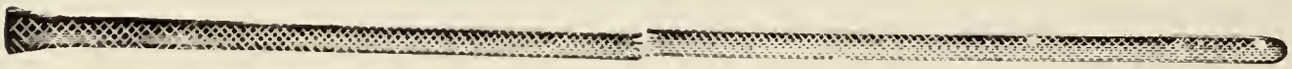
02068

No.	**Bladder Trocars—Contd.—**	£	s.	d.
02067	Pearse's, with silver canula, for supra pubic puncture (as supplied in the Army operation cases), in leather case	1	0	0
02068	Do. do., without case	0	15	0

à Boule (bulbous).



Conical.



Cylindrical.

	Bougies, elastic gum—			"B" Quality.	Maw's Superfine.
02069	Bulbous, soft black, double web, sizes 1-12 ..	per doz.,		7/6 ..	15/-
02070	Do. do. do., ,, 13-16 ..	,,		— ..	19/-
02071	Do. Herring's, with lead stilettes and long necks, very flexible, sizes 1-12 ..	,,		— ..	18/-
02072	Bulbous, silk web, ,, 1-12 ..	,,		15/- ..	20/-
02073	Do. do. ,, 13-16 ..	,,		— ..	24/-
02074	Do. Swinford Edwards's, with softened distal half, ,, 1-12 ..	,,		— ..	24/-
02075	Conical, brown, double web ,, 1-12 ..	,,		— ..	10/-
02076	Cylindrical, brown, double web, ,, 1-12 ..	,,		3/- ..	5/-
02077	Do. do. do., ,, 13-16 ..	,,		— ..	7/6
02078	Do. soft black, ,, 1-12 ..	,,		4/- ..	10/-
02079	Do. do. ,, 13-16 ..	,,		— ..	14/6
02080	Do. silk web, , 1-12 ..	,,		— ..	18/-
02081	Do. do. ,, 13-16 ..	,,		— ..	21/-

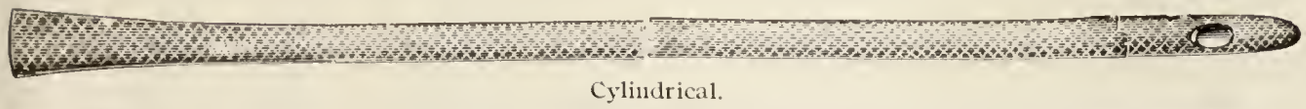
02089

	Bougies, filiform, for tight strictures—		£	s.	d.
02082	Catgut, sizes up to No. ½, 1, 2	per doz.	0	3	0
02083	Do. sizes Nos. 3-5..	,,	0	9	0
02084	Elastic gum, filiform, with "cork-screw" end ..	,,	0	15	0
02085	Silk web do. do. do. ..	,,	0	18	0
02086	Whalebone, Gouley's	,,	0	11	6
02087	Do. Amici's, tapering	,,	2	14	0
02088	Whip, Harrison's, elastic gum, 9 sizes, 4-12 ..	,,	2	5	0
02089	Do. do., grooved to form a channel for the urine	each	0	4	6

Bladder and Urethra Instruments—Contd.—

No.			£	s.	d.
02090	**Bougie,** for introducing ointment, Casper's, metal grooved ..	each	0	5	6
02091	**Bougies,** medicated, Cheyne's, 4½ in. long	per box of one doz.	0	1	9

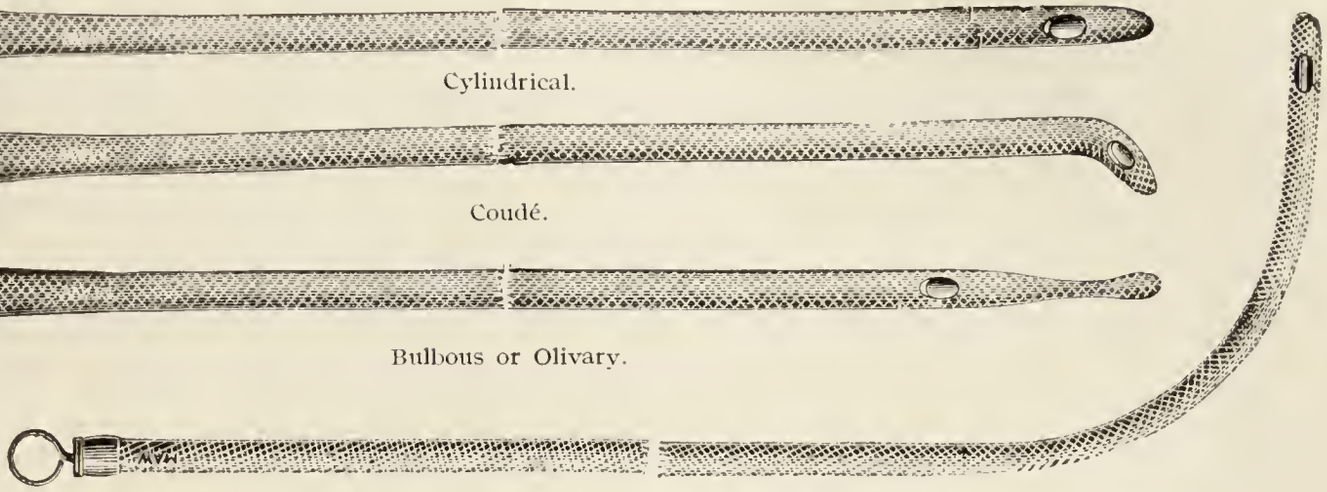
Any other medicated Bougies can be prepared specially to order.



Cylindrical.

Coudé.

Bulbous or Olivary.



Cylindrical, with Stilette.

			"B" Quality.	Maw's Superfine.
	Catheters, black, elastic gum—			
02092	Bi-coudé, sizes 5-12	per doz.	— ..	24/-
02093	Bulbous or olivary, sizes 1-12	,,	8/- ..	16/-
02094	Do. do., sizes 13-15	,,	— ..	21/-
02095	Do. do., sizes 18-20	,,	— ..	30/-
02096	Coudé, sizes 5-12	,,	10/- ..	19/-
02097	Do. Buckston Browne's, sizes 5-12 ..	,,	— ..	20/-
02098	Do. with two eyes, sizes 5-12	,,	— ..	24/-
02099	Cylindrical, sizes 5-12..	,,	8/- ..	12/-
02100	Do. sizes 13-16	,,	— ..	16/-
02101	Whip, Harrison's, sizes 4-12	,,	— ..	45/-
	Catheters, brown, elastic gum—			
02102	Conical, with wire stilette, sizes 4-12 ..	,,	— ..	12/-
02103	Cylindrical do., sizes 1-12 ..	,,	6/- ..	9/-
02104	Do. do., sizes 13-15 ..	,,	— ..	13/6
02105	Do. do., prostatic, sizes 6-12	,,	— ..	19/-
02106	Railway, with terminal eye and guide, sizes 4-12	,,	— ..	20/-
02107	Spare catgut guides for do.	,,	— ..	12/-

			£	s.	d.
	Catheters, elastic gum, Herring's—				
02108	Bulbous or Olivary, soft black, with short necks, sizes 1-12,	per doz.	0	18	0
02109	Do. do., combined, soft and hard, sizes 6, 7 and 8	,,	1	0	0
02110	Cylindrical, combined, soft and hard, sizes 6, 7 and 8	,,	0	16	0
02111	Semi-coudé, combined, soft and hard, sizes 6, 7 and 8	,,	1	2	0
02112	Do. black, with large eye and thin walls, sizes 6 to 12	,,	1	0	0
	Catheters, silk web, elastic gum, Maw's superfine—				
02113	Bulbous or Olivary, sizes 1-12	per doz.	1	4	0
02114	Do. do., sizes 13-15	,,	1	8	0
02115	Coudé, sizes 5-12	,,	1	10	0
02116	Cylindrical, sizes 1-12	,,	1	2	0
02117	Do. sizes 13-15	,,	1	6	0
	Catheters, silver web, elastic gum, Maw's superfine—				
02118	Bulbous or Olivary, sizes 1-12	per doz.	1	10	0
02119	Do. do., sizes 13-15	,,	1	14	0
02120	Coudé, sizes 5-12	,,	1	12	0
02121	Cylindrical, sizes 1-12	,,	1	8	0
02122	Do. sizes 13-15	,,	1	12	0

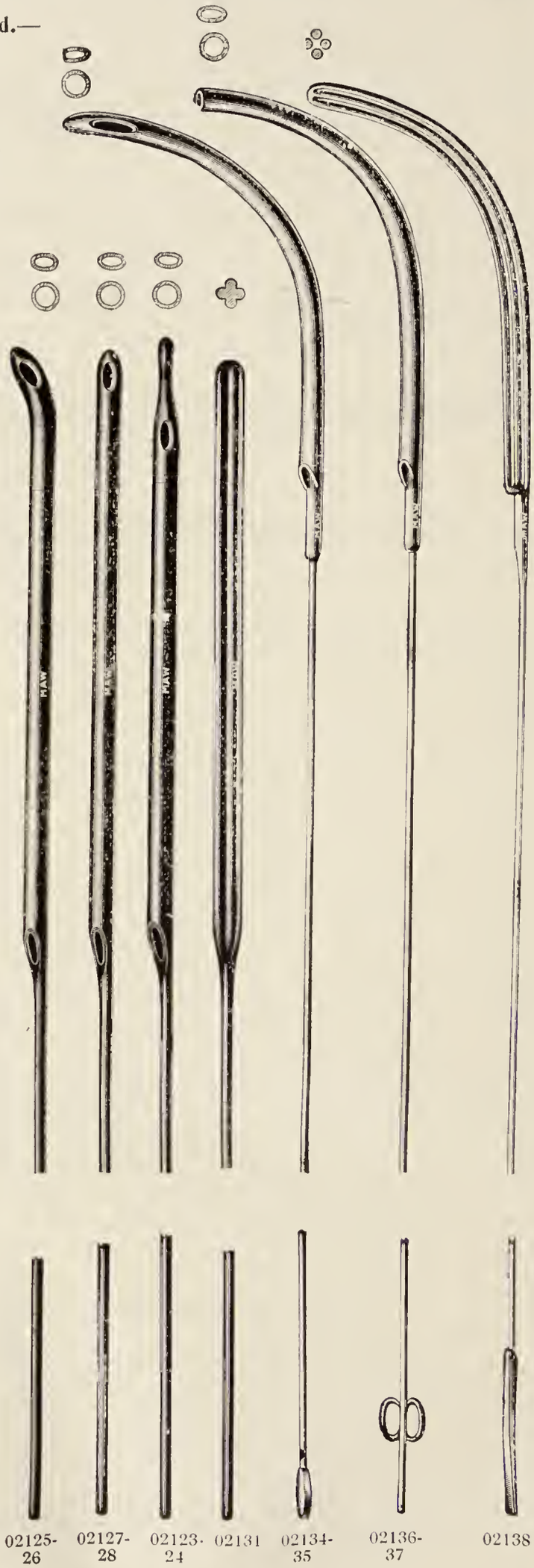
N.B.—All the above Catheters are numbered according to the English scale, and are made with solid ends. The "B" Quality are supplied with ivory mounts and do not bear our name, but the "Superfine" are mostly funnel-shaped, as above illustrations.

Bladder and Urethra Instruments—Contd.—

Catheters, Prostatic, Herring's "Normal"—

No.		
	Black elastic gum—	
	Bulbous or Olivary,	
02123	per doz., Oval ..	22/-
02124	,, Circular	19/-
	Coudé,	
02125	per doz., Oval ..	24/6
02126	,, Circular	22/-
	Cylindrical,	
02127	per doz., Oval ..	19/-
02128	,, Circular	16/6
	Cylindrical, with open end,	
02129	per doz., Oval ..	19/-
02130	,, Circular	16/6
	Cylindrical "reeded"	
02131	per doz.	20/6
	Cylindrical, solid,	
02132	per doz., Oval ..	18/-
02133	,, Circular	14/-
	Metal with wire shaft— With eye at side,	
02134	each, Oval ..	6/-
02135	,, Circular ..	6/-
	With open end,	
02136	each, Oval ..	6/-
02137	,, Circular ..	6/-
02138	With head formed of two loops of wire fastened together at right angles	10/6

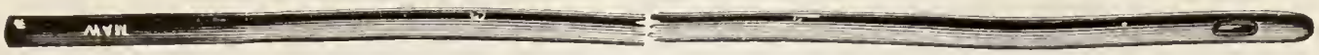
Full particulars of the above are contained in a reprint of a paper entitled "The Modern Development of the Catheter," from the "Folio Urologica," and will be forwarded free on application.



Bladder and Urethra Instruments—Contd.—

02139

No.	**Catheter,** elastic gum, **Prostatic**—	£	s.	d.
02139	Bartrina's, silk web, oval, sizes 5 to 12 .. .. .. each	0	2	6

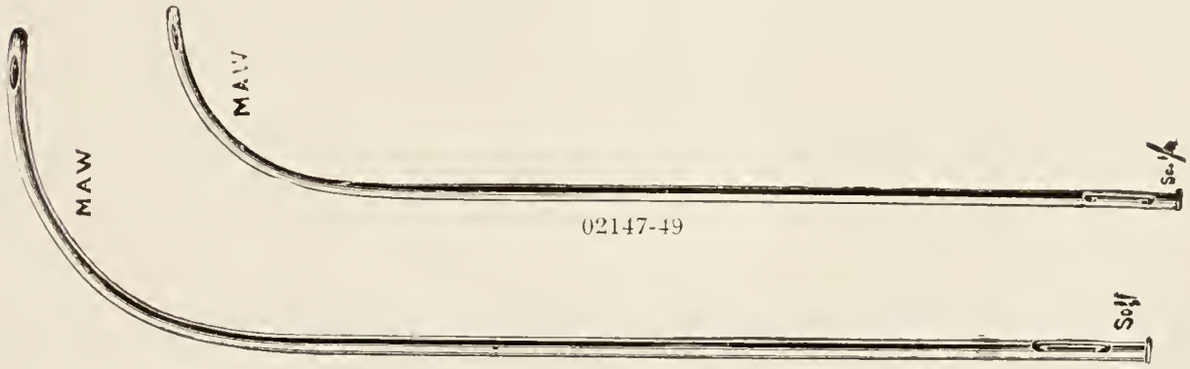


02140

	Catheters, india-rubber, cylindrical, with solid ends—		Nos. 4-12	13-15	16-18
02140	Jaques's, with rounded extremity ..	per doz.	**15/-**	**18/-**	**24/-**
02141	Do. do. do., funnel shaped	,,	**18/-**	—	—
02142	Do. do. do., with hollow ends	,,	**12/-**	**15/-**	**21/-**
02143	Do. with pointed extremity ..	,,	**15/-**	**18/-**	**24/-**
02144	Maw's " B " quality	,,	**6/-**	—	—
02145	Do. do., funnel shaped..	,,	**7/6**	—	—
02146	Self-retaining, hollow end, sizes 6-12	per doz.	**1 10 0**		

Stilette and plug extra, per doz., **30/-**

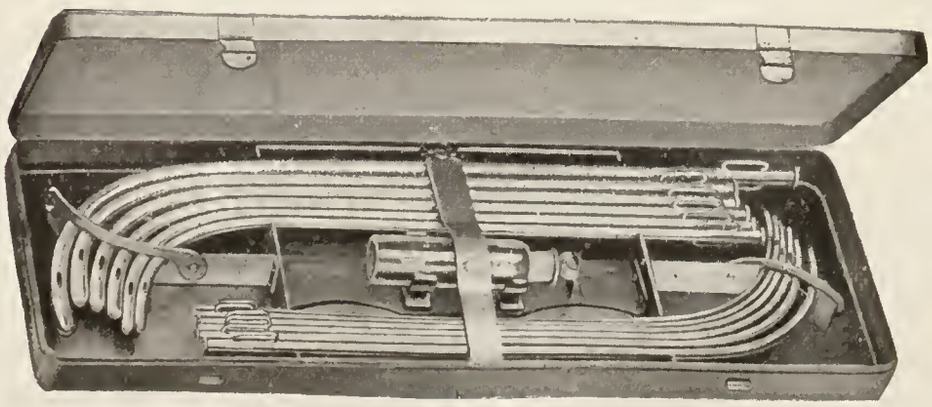
All the above Catheters are numbered according to the English scale.



02147-49

02150-51

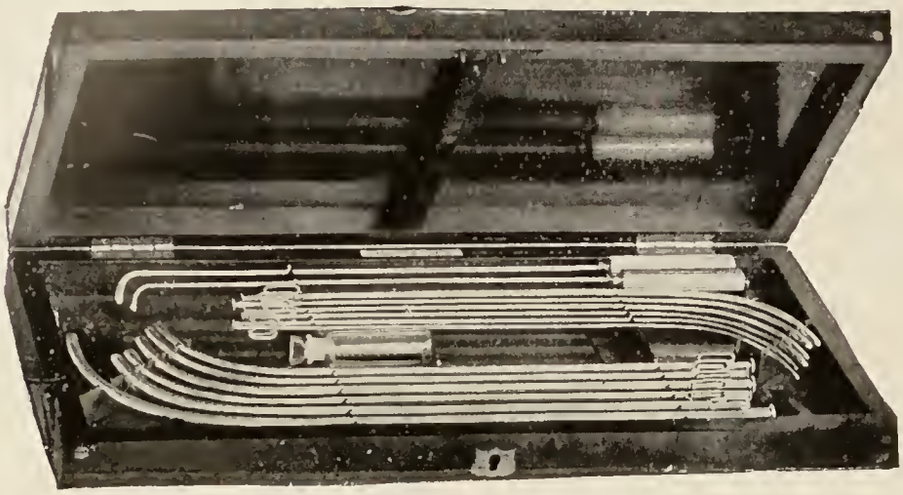
	Catheters, metal, ordinary form, with solid ends—			
02147	Silver, No. 1, **5/-**; No. 2, **5/-**; No. 3, **5/6**; No. 4, **5/6**; No. 5, **6/-**; No. 6, **6/6**; No. 7, **7/6**; No. 8, **8/-**; No. 9, **9/-**; No. 10, **9/6**; No. 11, **10/6**; No. 12	0	11	0
02148	Electro-plated, sizes 1-12 .. .. each	0	3	0
02149	Nickel-plated, sizes 1-12, light quality .. .. .. ,,	0	1	6
	Catheters, metal, prostatic, with solid ends—			
02150	Silver, No. 6, **9/-**; No. 7, **10/-**; No. 8, **10/6**; No. 9, **11/6**; No. 10, **12/6**; No. 11, **13/6**; No. 12	0	14	6
02151	Electro-plated, sizes 6-12 .. .. each	0	4	0



02152

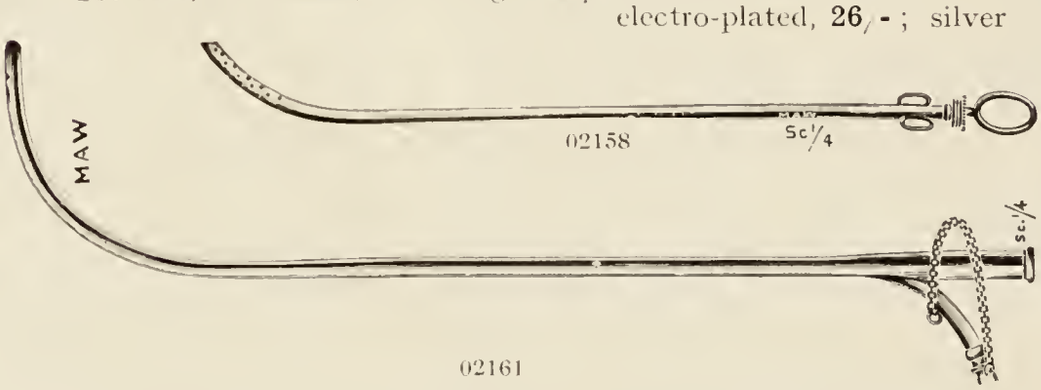
	Catheters, metal, in sets, in aseptic metal case—			
02152	Set of 12, solid ends, including one prostatic electro-plated, **60/-**; silver	5	6	0
02153	Set of 6, solid ends, including one prostatic electro-plated, **42/-**; silver	3	8	0

Bladder and Urethra Instruments—Contd.—



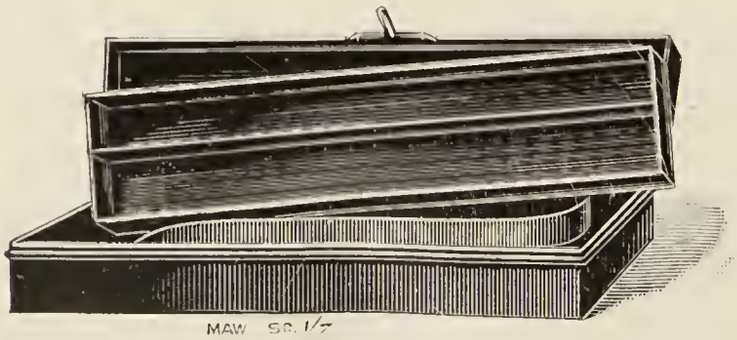
02154

No.		£	s.	d.
	Catheters, metal, in sets, in polished walnut cases—			
02154	Set of 12, solid ends, including one prostatic electro-plated, **48/-**; silver	4	14	0
02155	Set of 6, solid ends, including one prostatic electro-plated, **30/-**; silver	2	16	0
	The above illustration shows two bladder sounds, which are not now supplied in the sets unless specially ordered.			
	Catheters, metal, in sets, in leather cases—			
02156	Set of 12, solid ends, including one prostatic electro-plated, **44/-**; silver	4	10	0
02157	Set of 6, solid ends, including one prostatic electro-plated, **26/-**; silver	2	12	0



02161

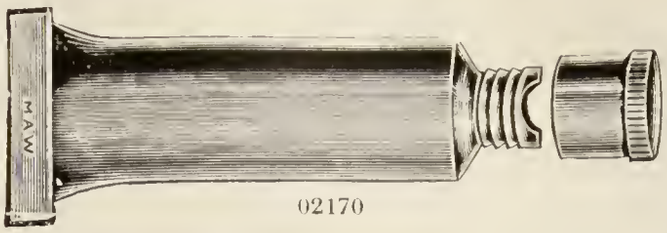
	Catheters, metal, special forms—			
02158	Erichsen's, silver, for the application of nitrate of silver ..	1	1	0
02159	Gouley's "Tunnelled," with whalebone guide, for tight strictures	0	7	6
	Catheters, double channel—			
02160	Elastic gum, black	0	5	6
02161	Silver-plated	0	11	6



02162

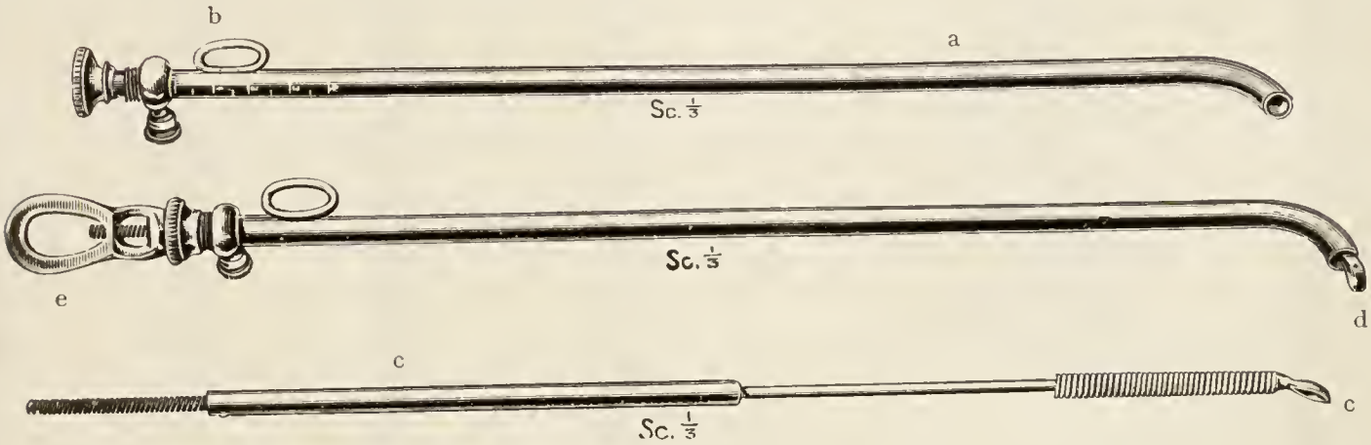
	Catheters, Female (see pages 68 and 69).			
02162	**Catheter Box,** japanned tin, with tray for straight catheters, and division in lower part for curved catheters	0	7	6
	(*See also Catheter Sterilizers, pages* 244 *to* 246.)			
	Catheter Cases, with pull-off lid, for elastic gum catheters—			
02163	Japanned tin .. .. .. for 4 catheters, **1/6**; for 12	0	2	0
02164	Leatherette, for 3, 6 or 12 catheters	0	1	3

Bladder and Urethra Instruments—Contd.—



02170

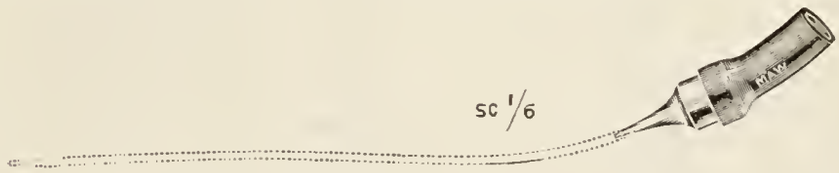
No.		£	s.	d.
02165	**Catheter Clips or Pinch-cocks,** spring, nickel-plated .. per doz.	0	4	0
	Catheter Gauges—			
02166	Ivory, round, for pocket use, No. 1-12 (English scale)	0	2	6
02167	Metal, oblong, Nos. 1-16 (English scale), with openings at side..	0	13	6
02168	Do. do., do., (English, American and French) ..	0	4	6
02169	Do. do., Nos. 1-30 (French scale), with holes	0	4	6
02170	**Catheter Lubricant,** Maw's sterilized, in registered collapsible tube, with groove for Catheter .. .. per doz. tubes	0	2	0
02171	**Catheter Plugs,** Ivory .. .. per doz.	0	9	0
02172	Do. do., Boxwood .. .. ,,	0	2	6



02173

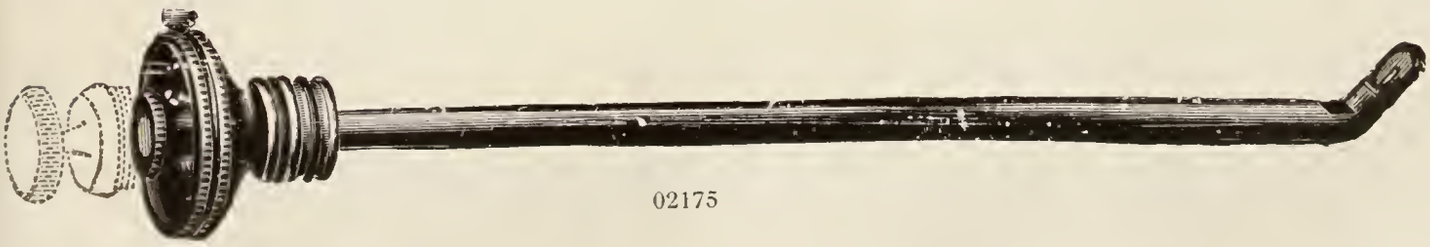
02173	**Catheter Scoop,** Strauss's, in aseptic metal case	2	0	0

This instrument consists of a metal catheter (a) fitted with blunt pilot (b), a sharp spoon (c), a ring curette (d), and a handle (e). The catheter (a) with its blunt pilot (b, b), is first inserted into the bladder, the pilot is then withdrawn, leaving the catheter in position, and either the spoon (c) or curette (d) is inserted in its place. The same handle (e) fits either the spoon or curette.



02174

02174	**Catheter Washer,** Corner's, to fit any tap	0	1	6



02175

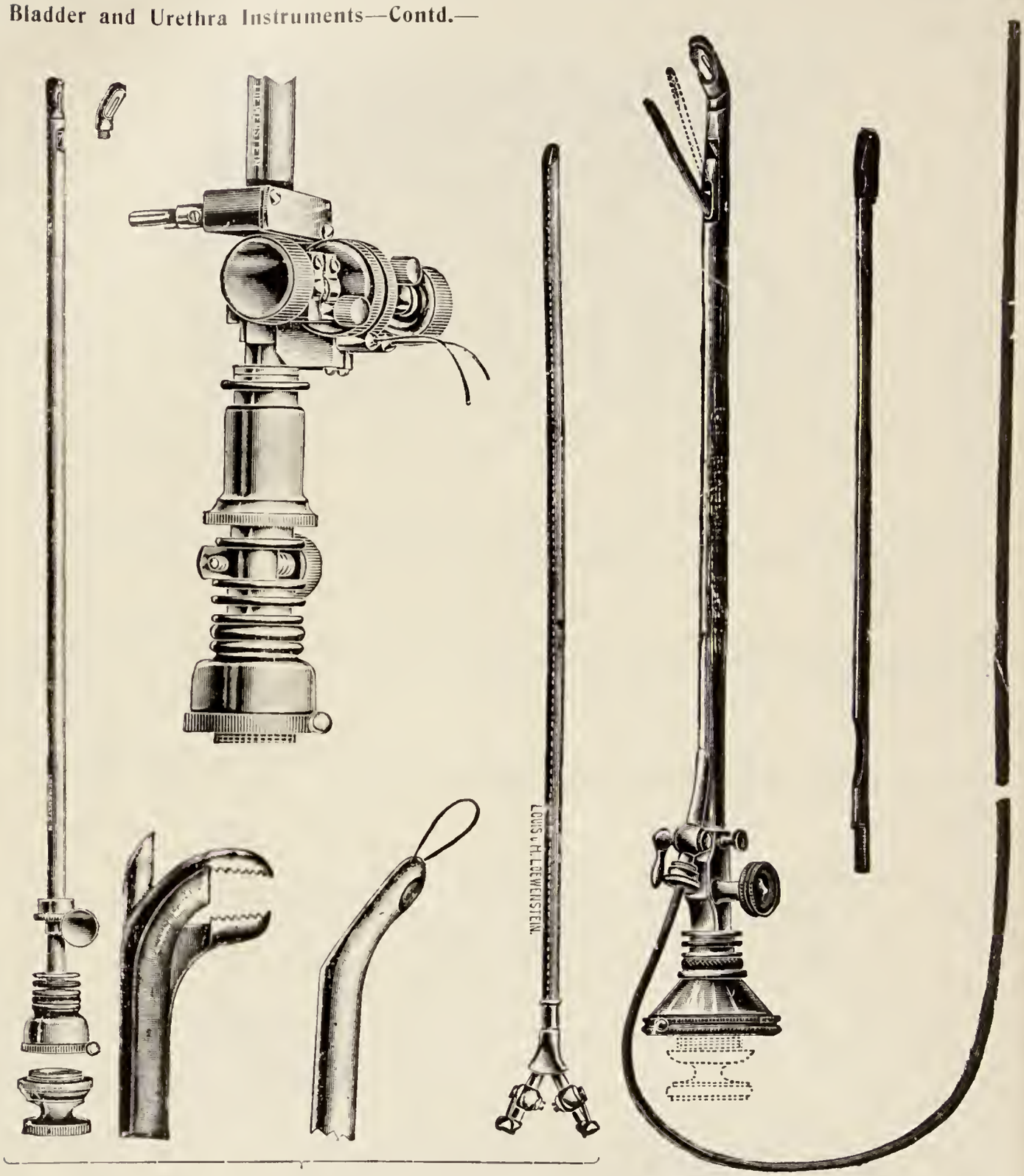
Cystoscopes—

02175	Nitze's, for examination of the interior of the bladder, with cords and spare lamp, in case	4	0	0

This instrument requires about 6 volts and 1·3 amperes.

The usual diameter of a cystoscope is No. 21 (French gauge), but they can be supplied as small as No. 18 or No. 15 if required, but with the smaller sizes the view obtained is more limited.

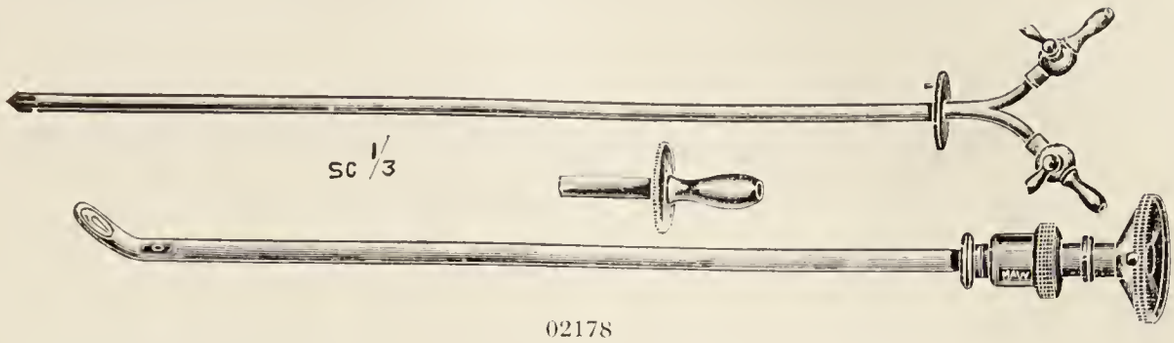
Bladder and Urethra Instruments—Contd.—



02176 02177

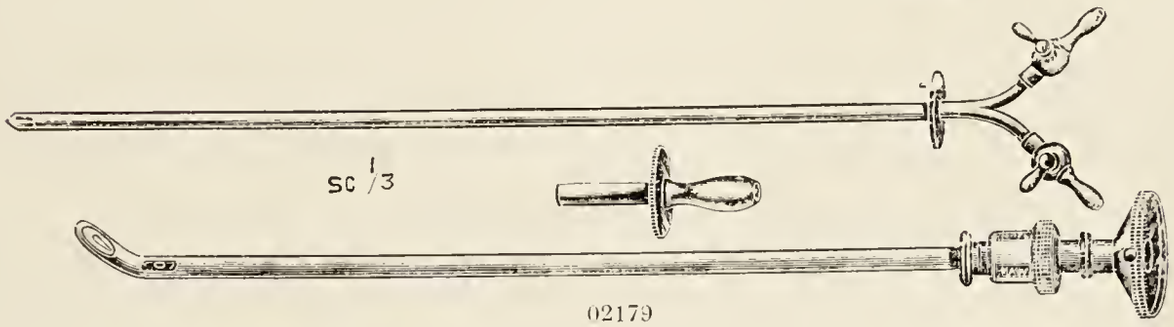
No.	Cystoscopes—Contd.—	£ s. d.
02176	Operation Cystoscope, consisting of apparatus for examining interior of bladder, galvanic cautery, snare, lithotrite, double irrigating catheter, obturator, 6 lamps, 2 cables, 2 platinum iridium snare wires, 6 iron wires, and pair of flat-nosed pliers, complete in polished wood case	24 10 0
02177	Nitze's or Casper's, with apparatus for introducing a catheter into each ureter and for washing out bladder, including 2 elastic-gum ureter catheters and spare lamp, in wood case	8 10 0

Bladder and Urethra Instruments—Contd.—



02178

No.	**Cystoscopes—Contd.—**	£	s.	d.
02178	Flushing Cystoscope, with Zeiss lens, fitted with mount to attach to syringe, cable and spare lamp, in polished wood case ..	8	10	0



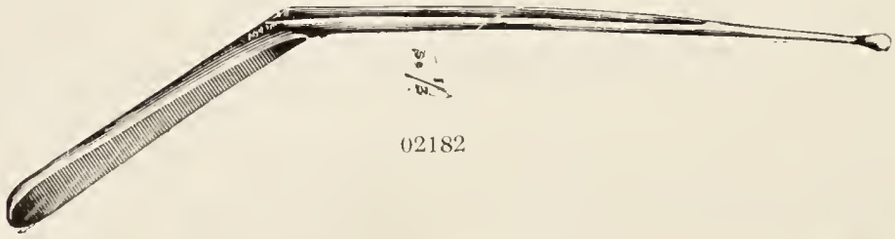
02179

02179	Wolf's, as used at St. Peter's Hospital, for catheterizing of ureters and for irrigation, fitted with lenses by Zeiss, complete in polished walnut case	13	15	0
02180	**Ointment Introducer for Urethra,** Smith's, with 3 pipes, vulcanite, **5/6**; cocus wood	0	2	9

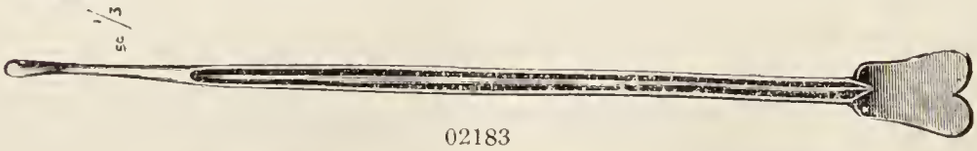
02181

Perineal Section Instruments—

02181	Cock's knife, solid forged	0	4	6



02182



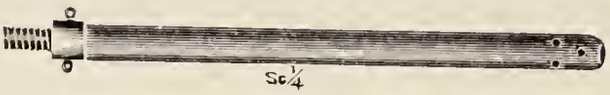
02183

02184

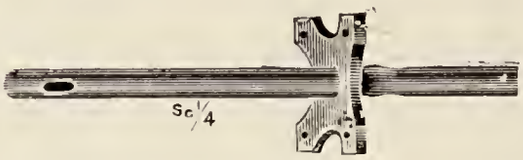
02182	Director, Angular	0	7	0
02183	Do. Cock's, with wide groove for catheter	0	6	6
02184	Do. Teale's, for Wheelhouse's operation	0	2	6

Bladder and Urethra Instruments—Contd.—

02185

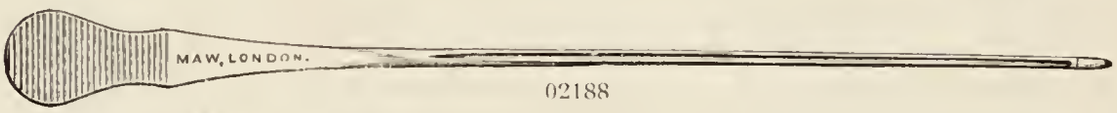


02186



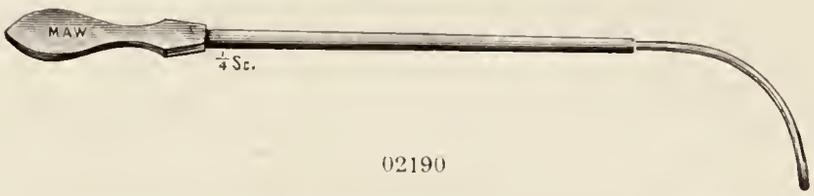
02187

No.	**Perineal Section Instruments—Contd.—**	£	s.	d.
02185	Gorget, Teale's, for Wheelhouse's operation	0	4	6
02186	Perineal Drainage Tube, Reginald Harrison's, 3 sizes, 12, 14 and 16 mm. diameter each	0	3	6
02187	Do. do. Whitehead's, india-rubber	0	2	6

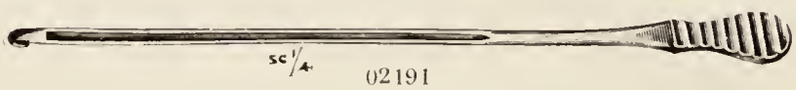


02188

02188	Staff, Morris's, with elastic gum "Ferret" or Guide	0	7	6
02189	Spare "Ferrets" for do., with screw mounts	0	2	6

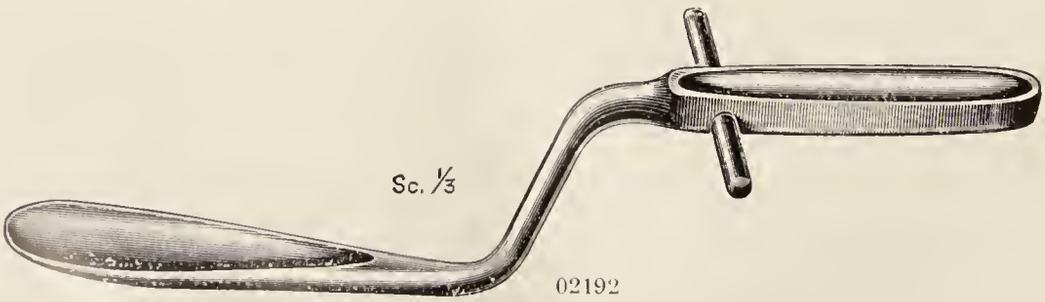


02190



02191

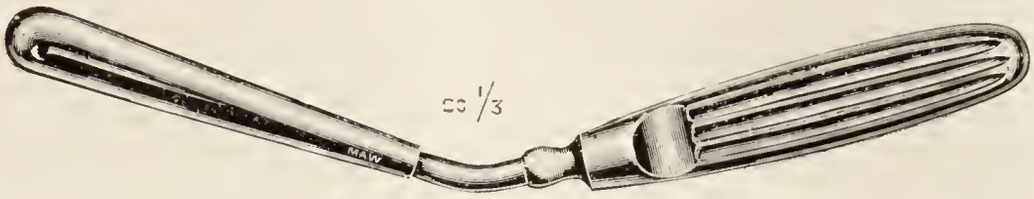
02190	Staff, Symes's	0	5	6
02191	Do. Wheelhouse's	0	4	6
02191A	**Petersen's Bag,** for distending the rectum	0	8	6



02192

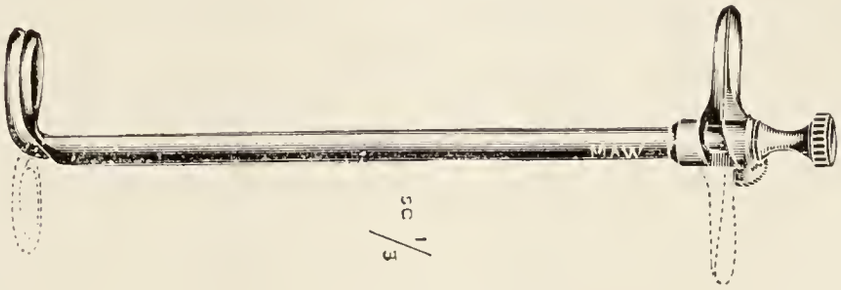
02192	**Prostate Lever,** Lynn Thomas's	0	13	0

Bladder and Urethra Instruments—Contd.—



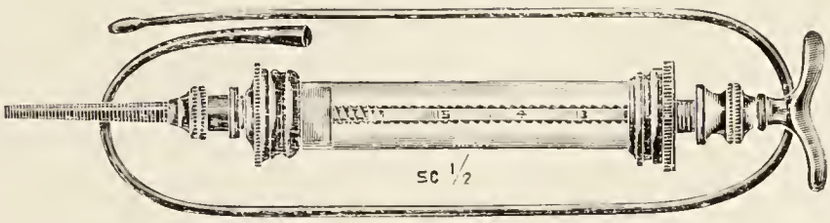
02193

No.		£	s.	d.
02193	**Prostate Masseur,** for use through rectum	0	6	6



02194

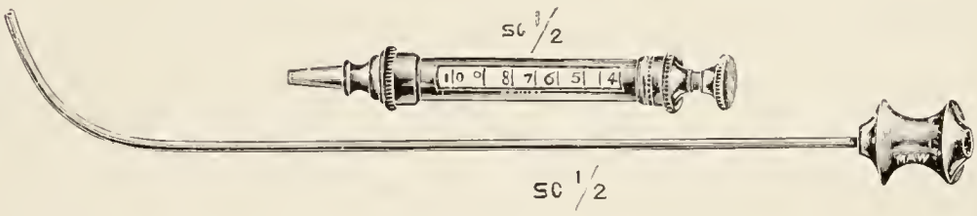
02194	**Prostate Retractor,** Young's	0	15	0



02195

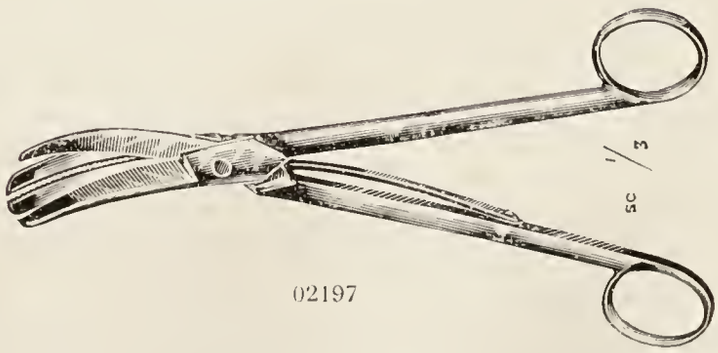
Prostate Syringe—

02195	Guyon's, 60 minims, with vulcanite mounts, in leather case ..	0	5	0



02196

02196	Ultzmann's, with metal catheter and mounts	0	4	6

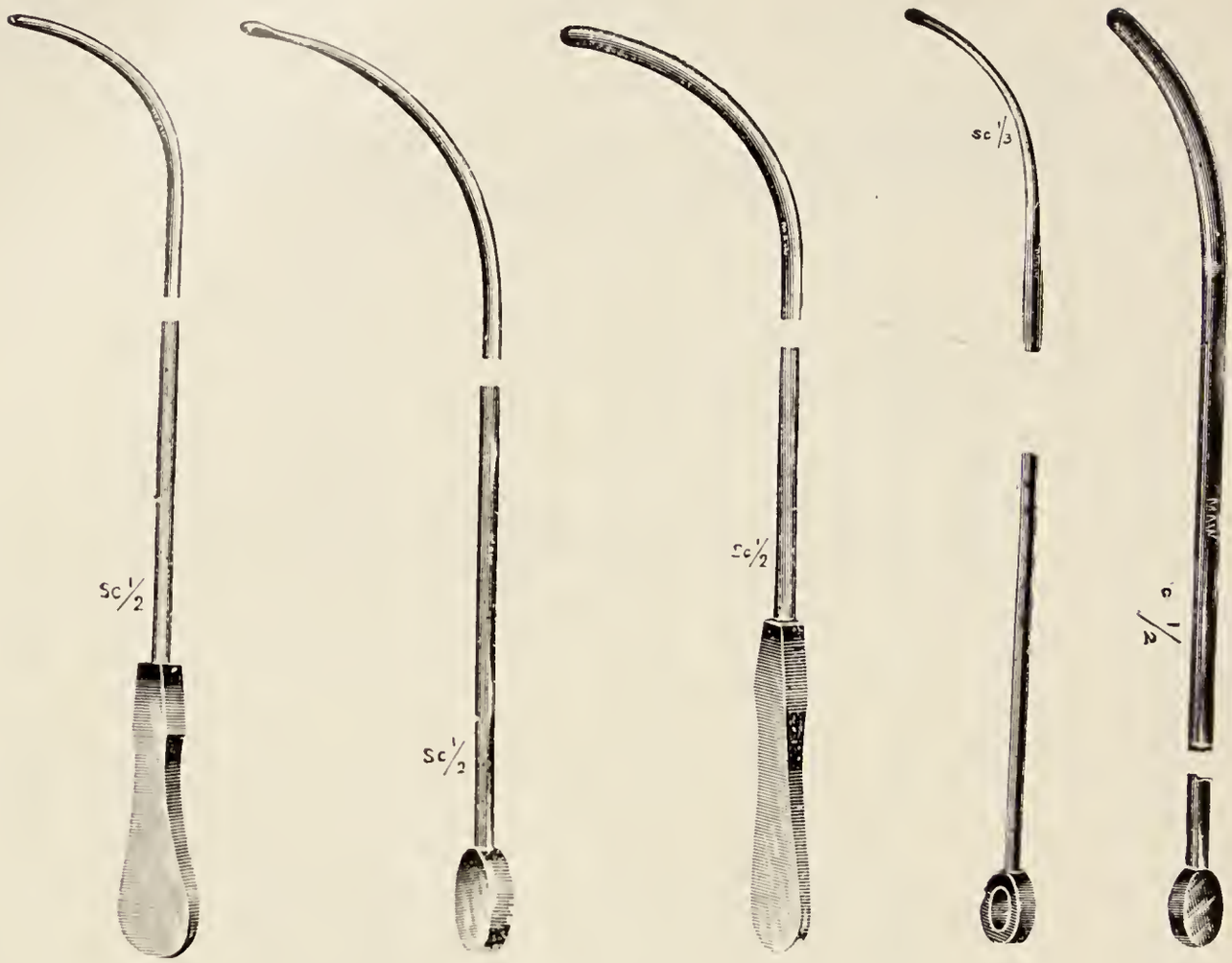


02197

Scissors—

02197	Herring's, with clamp, for removing growths from bladder ..	0	16	0
02198	Jessop's, for prostate, 3 sizes .. $\frac{3}{8}$ in., **11/6**; $\frac{1}{2}$ in., **12/6**; $\frac{7}{8}$ in.	0	13	6

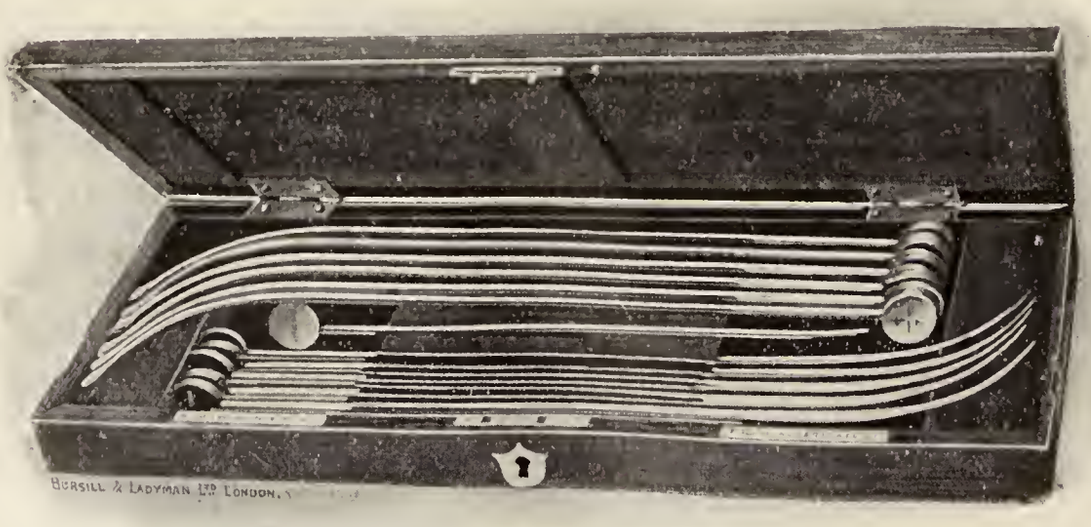
Bladder and Urethra Instruments—Contd.—



02199 02201 02203 02204 02206

No.	Sounds, Dilating, or Metal Bougies—	£	s.	d.
02199	Clutton's, with tapering point, 12 sizes (French gauge), $\frac{6}{10}$, $\frac{8}{12}$, $\frac{10}{14}$, $\frac{12}{16}$, $\frac{14}{18}$, $\frac{16}{20}$, $\frac{18}{22}$, $\frac{20}{24}$, $\frac{22}{26}$, $\frac{24}{28}$, $\frac{26}{30}$, $\frac{28}{32}$, each	0	5	0
02200	Flexible metal, sizes 1-12 (English scale) .. .. per doz.	0	9	0
02201	Lister's, with bulbous end, 10 sizes, $\frac{0}{2}$-$\frac{9}{12}$ .. .. .. each	0	4	0
02202	Do. do., extra large, 6 sizes, $\frac{10}{13}$-$\frac{15}{18}$ .. ,,	0	5	0
02203	Liston's, cylindrical, 12 sizes, Nos. 1-12 .. .. .. ,,	0	3	9
02204	Nicoll's, bulbous, with bellied shaft, 8 sizes, $\frac{2}{6}$, $\frac{3}{8}$, $\frac{4}{10}$, $\frac{5}{12}$, $\frac{6}{14}$, $\frac{7}{16}$, $\frac{8}{18}$, $\frac{9}{20}$ .. .. each	0	6	0
02205	Thompson's, 7 sizes, $\frac{6}{8}$, $\frac{7}{9}$, $\frac{8}{10}$, $\frac{9}{11}$, $\frac{10}{12}$, $\frac{11}{13}$, $\frac{13}{15}$, ... ,,	0	4	0
02206	Chiene's, 12 sizes, Nos. $\frac{0}{1}$, $\frac{\frac{1}{2}}{2}$, $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{5}$, $\frac{4}{6}$, $\frac{5}{7}$, $\frac{6}{8}$, $\frac{7}{9}$, $\frac{8}{10}$, $\frac{9}{11}$, $\frac{10}{12}$ .. ,,	0	4	0

All the above Sounds except Clutton's are graduated according to the English scale.



02209

Bladder and Urethra Instruments—Contd.—

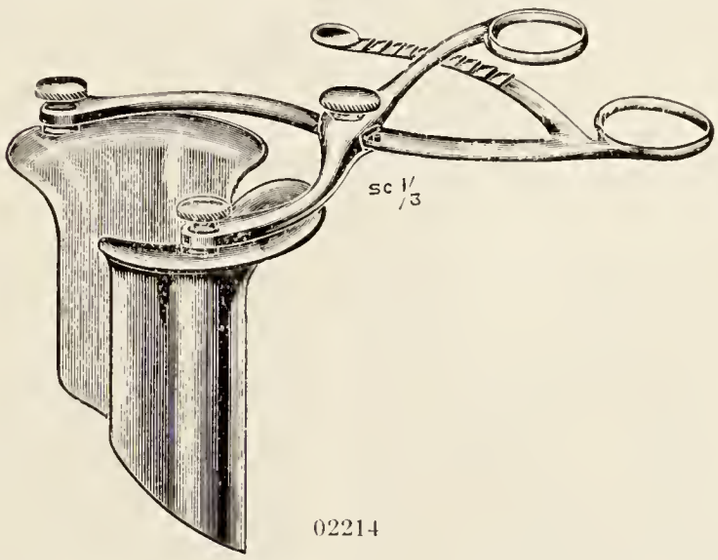
Sounds, Dilating, or Metal Bougies, in sets—

No.			In polished walnut case. £ s. d.		In aseptic metal case. £ s. d.
02207	Chiene's, set of 12	per set	2 17 6	..	3 10 6
02208	Clutton's, set of 12	,,	3 12 0	..	4 5 0
02209	Lister's, set of 12	,,	3 0 0	..	3 13 0
02210	Liston's, set of 12	,,	2 17 0	..	3 10 0
02211	Nicoll's, set of 8	,,	2 17 6	..	—
02212	Thompson's, set of 7	,,	1 17 0	..	—

Any of the above Sounds can be supplied in leather cases, if desired, at 6/- per set less than in the walnut cases.

02213

02213 **Scoop,** Simon's, for scraping out growths from the female bladder, 3 sizes, $\frac{5}{8}$ in., $\frac{3}{8}$ in. and $\frac{1}{2}$ in. with solid forged handle, each **0 7 0**



02214

02214 **Speculum,** Carwardine's, self-holding **1 15 0**

02215

Stricture Dilators—

02215 Reginald Harrison's modification of Holt's, with 8 canulæ and elastic gum guide, in leather case, as recommended by Sir Henry Morris **4 8 0**

02216 Thompson's **1 10 0**

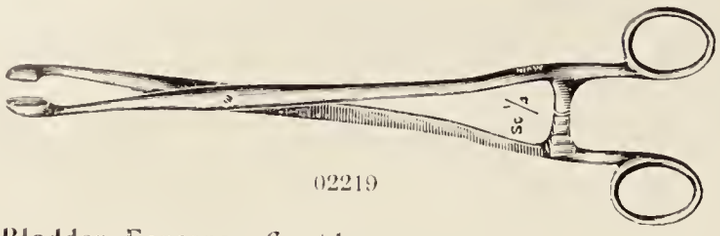
02217

Tumour or Bladder Forceps, for removing papilomatous growths, etc.—

02217 Fenwick's, fenestrated, curved **0 13 0**

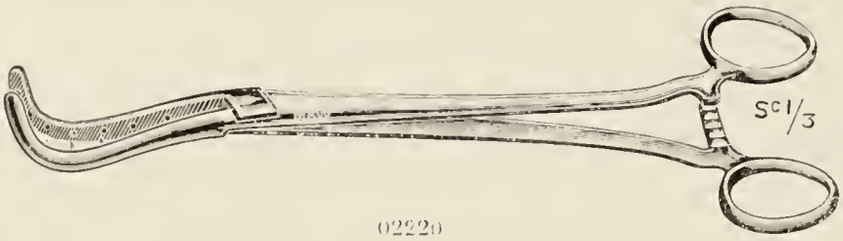
02218 Do. do., straight **0 9 0**

Bladder and Urethra Instruments—Contd.—



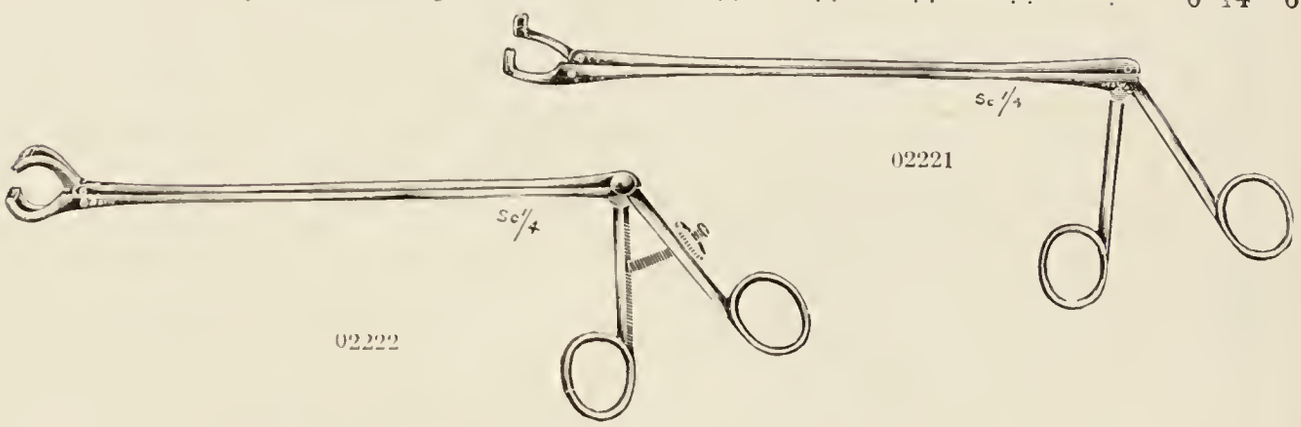
02219

No.	**Tumour or Bladder Forceps—Contd.—**	£	s.	d.
02219	Fenwick's, straight, with scoop jaws	0	13	0



02220

02220	Guyon's, with spiked blades..	0	14	6



02221

02222

02221	Thelwall Thomas's	1	7	0
02222	Do. do., fenestrated	1	8	0

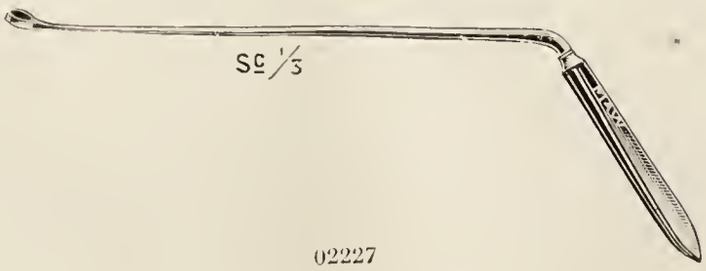
02223

02224

02225

02226

02223	Thompson's, straight	0	9	6
02224	Do., curved	0	9	6
02225	Do., rectangular	0	10	6
02226	Do., fine, with crank bend for neck of bladder	0	8	6

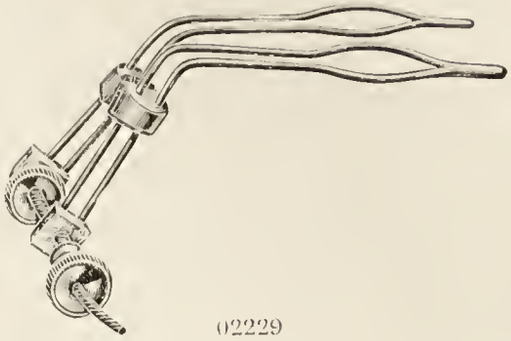


02227

02227	**Urethral Curette,** Wyndham Powell's	0	7	0

Bladder and Urethra Instruments—Contd.—

02228



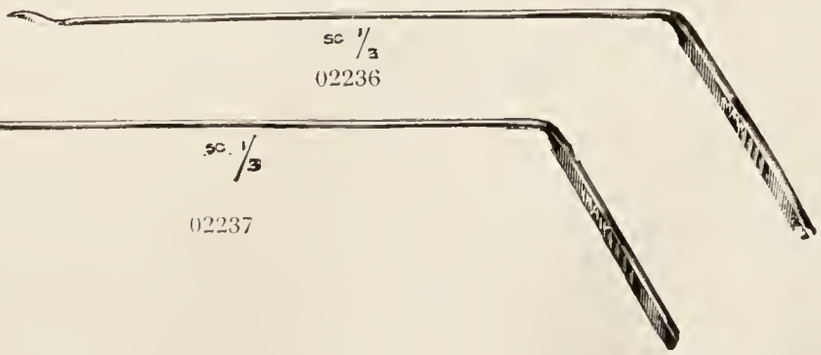
02229

No.	**Urethra Dilators—**	£	s.	d.
02228	Bryant's, vulcanite .. .. per set of 3	0	6	0
02229	Hopkin's Walters's	0	9	6
02230	Kelly's (see page 222)	0	3	6
02231	Kollman's, 4 bladed, Straight, short model, for anterior urethra	3	10	0
02232	Do. do., Curved, long model, for posterior urethra	5	5	0
02233	Do. do., do., for posterior and anterior urethra, with arrangement for flushing..	5	12	6

02234

Urethra Irrigators—

02234	Reginald Harrison's, consisting of glass cylinder with metal hanger, india-rubber tubing with ball, metal sinker, vulcanite U-piece, vulcanite pipe with tap, and india-rubber bung	0	12	6
02235	Wyndham Powell's, consisting of 4 pt. glass reservoir with tapering end, 6 ft. red india-rubber tubing, and glass irrigation nozzle with shield No. 02243	0	8	6



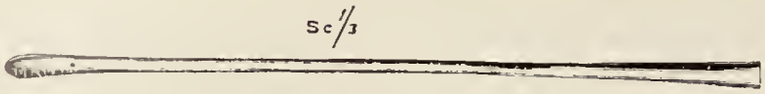
02236

02237

Urethra Knives, solid forged—

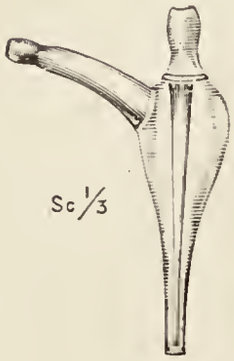
02236	Burghard's, sickle shaped	0	8	6
02237	Do. blunt ended	0	8	6
02238	Otis's, for enlarging meatus	0	6	6

Bladder and Urethra Instruments—Contd.—

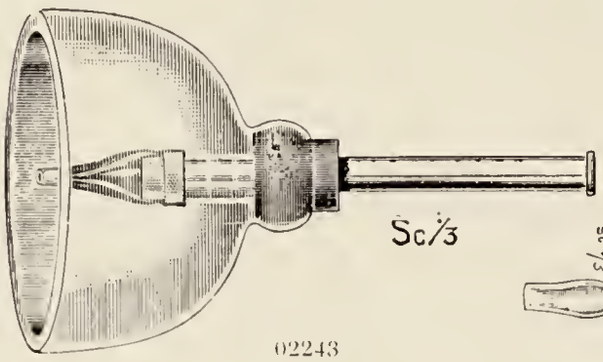


02239

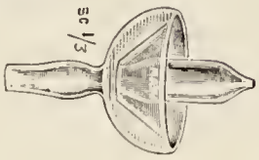
No.		£	s.	d.
02239	**Urethra Pipe,** metal, aseptic, for use with syringe	0	3	6



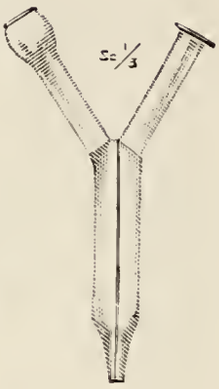
02240



02243



02241

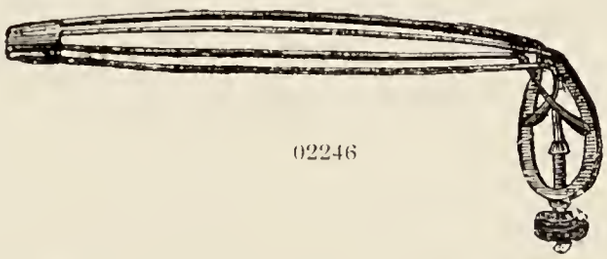


02242

Urethra Pipes, Glass—

02240	Double Channel, with side branch	0	1	0
02241	Guyon's, with shield	0	0	8
02242	Maiocchi's, double channel, glass, as used in Army Medical Service	0	0	4
02243	Wyndham Powell's, glass	0	2	9
02244	Do. do., metal, as supplied to Rochester Row Hospital	0	4	6
02245	**Urethra Lavage Apparatus,** as supplied to the Indian Medical Service, consisting of 3 glass tapering reservoirs (8 pt.), with metal covers, 3 vulcanite push cocks, 6 Maiocchi's glass pipes, 12 india rubber "Olive" tips, Janet's syringe, 6 oz., with 2 nozzles, Ultzman's syringe with catheter, 2 No. 12 elastic gum catheters with terminal opening, and 12 finger stalls ..	2	17	6

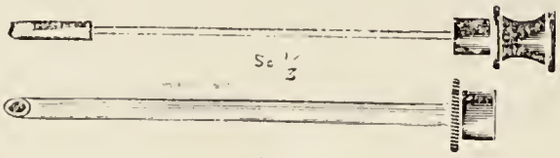
Red india-rubber tubing for above **1/9** *per yard extra.*



02246

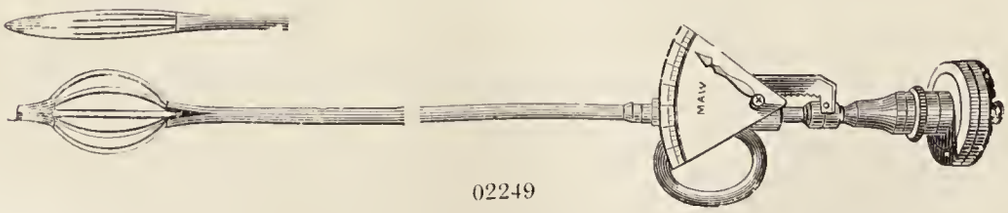
Urethra Specula, Male—

02246	Smith's, wire, with mirror and lens in case	0	18	0



02247

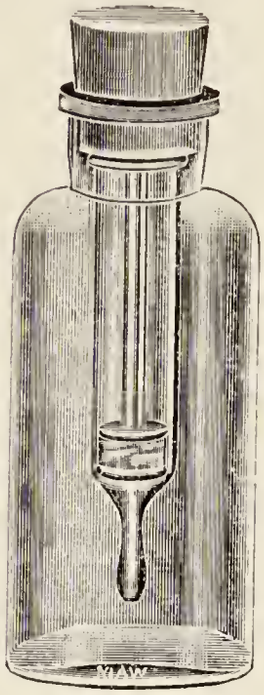
02247	Pick's, plated, straight	0	7	0
02248	Do. do., curved	0	7	6



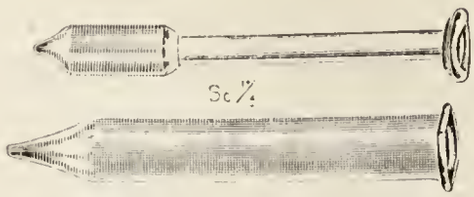
02249

02249	**Urethrometer,** Otis's	1	10	0

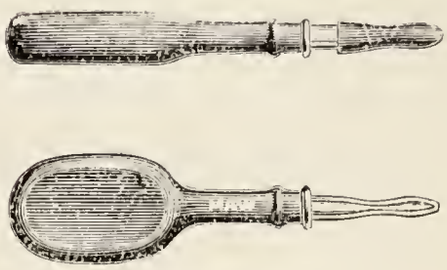
Bladder and Urethra Instruments—Contd.—



02250

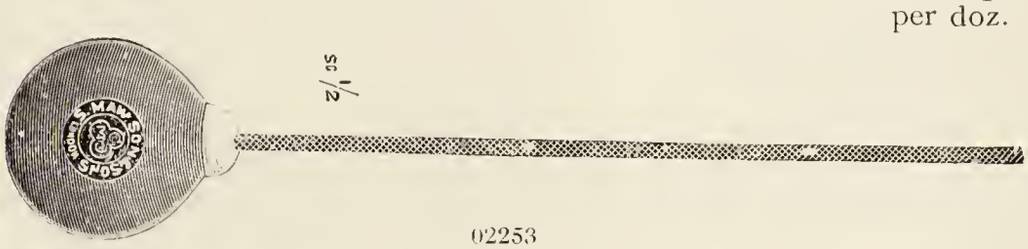


02251



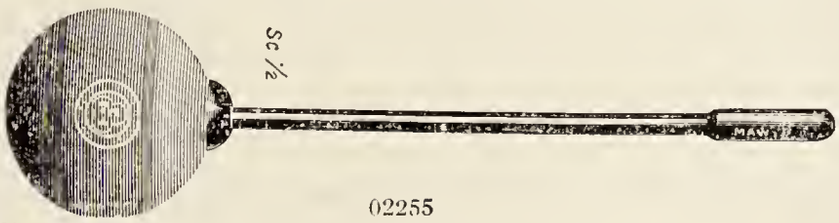
02252

No.	**Urethra Syringes—**	£	s.	d.
02250	Adam's, in amber glass bottle with India-rubber cork, per doz.	0	8	0
02251	All glass, aseptic	0	1	6
02252	Squire's, India-rubber, with glass pipe and India-rubber cap, per doz.	0	11	0



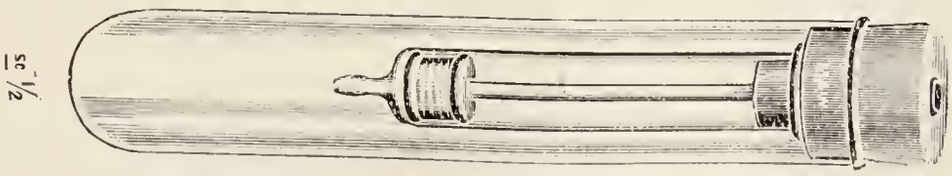
02253

02253	India-rubber, green, with long elastic gum pipe, ½ oz.	0	1	6
02254	Do. do., with long perforated elastic gum pipe ..	0	1	6



02255

02255	India-rubber, green, Durham's, ½ oz., with vulcanite pipe ..	0	1	3
02256	Do. do., in boxwood case	0	2	0



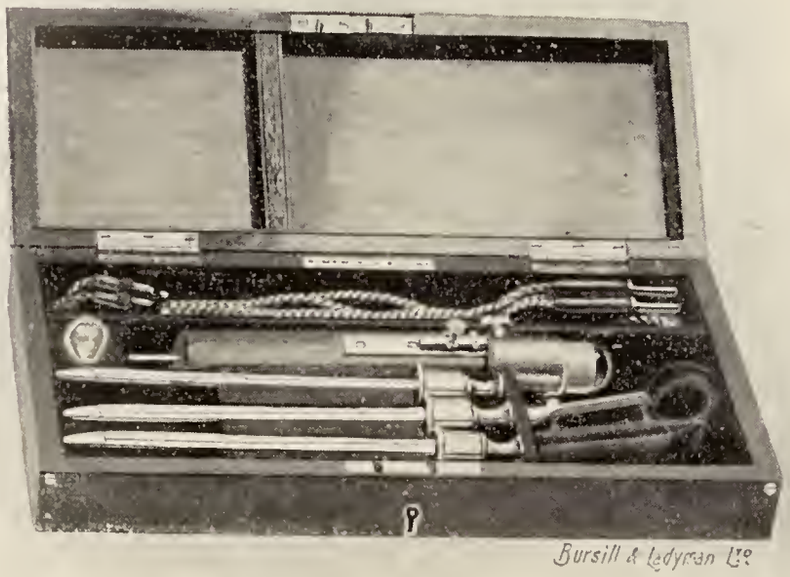
02257

02257	Herring's, Aseptic, fitted to test tube, with India-rubber bung and wire holder	0	1	0

02258

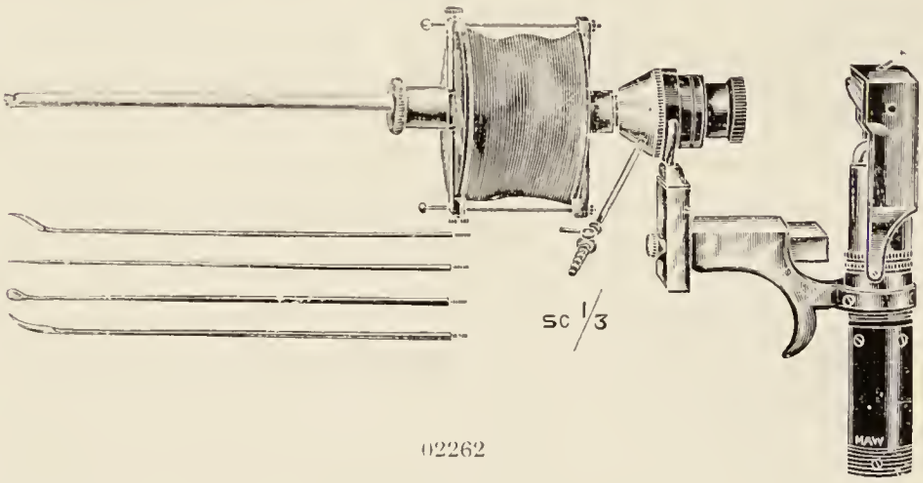
02258	"Stello," India-rubber, with vulcanite tip .. .. per doz.	0	10	0
02259	Teevan's, with long reverse current pipe	0	3	0

Bladder and Urethra Instruments—Contd.—



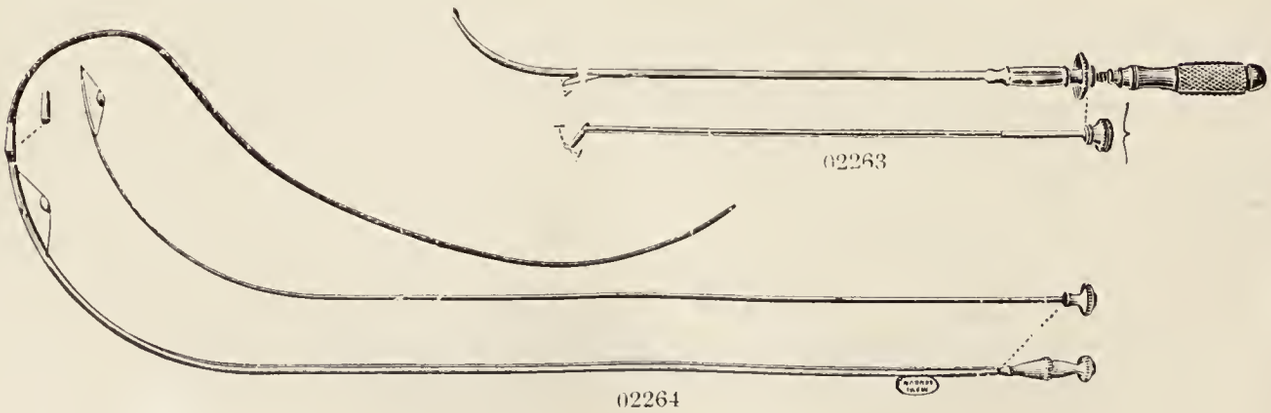
02260

No.	**Urethroscopes—**	£	s.	d.
02260	Casper's, with set of 3 urethra specula and pilots, complete with cords and spare lamp, in polished mahogany case	4	0	0



02262

02261	Wossidlo's	8	0	0
02262	Wyndham Powell's	8	10	0



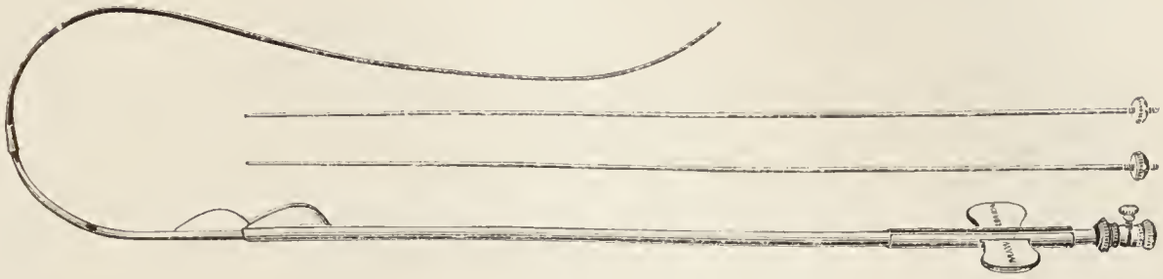
02263

02264

Urethrotomes—

02263	Berkeley Hill's, with metal handle, complete in case	1	10	0
02264	Maisonneuve's, with 2 blades, complete in case	1	19	0
02265	Otis's, complete in case	1	10	0

Bladder and Urethra Instruments—Contd.—



02266

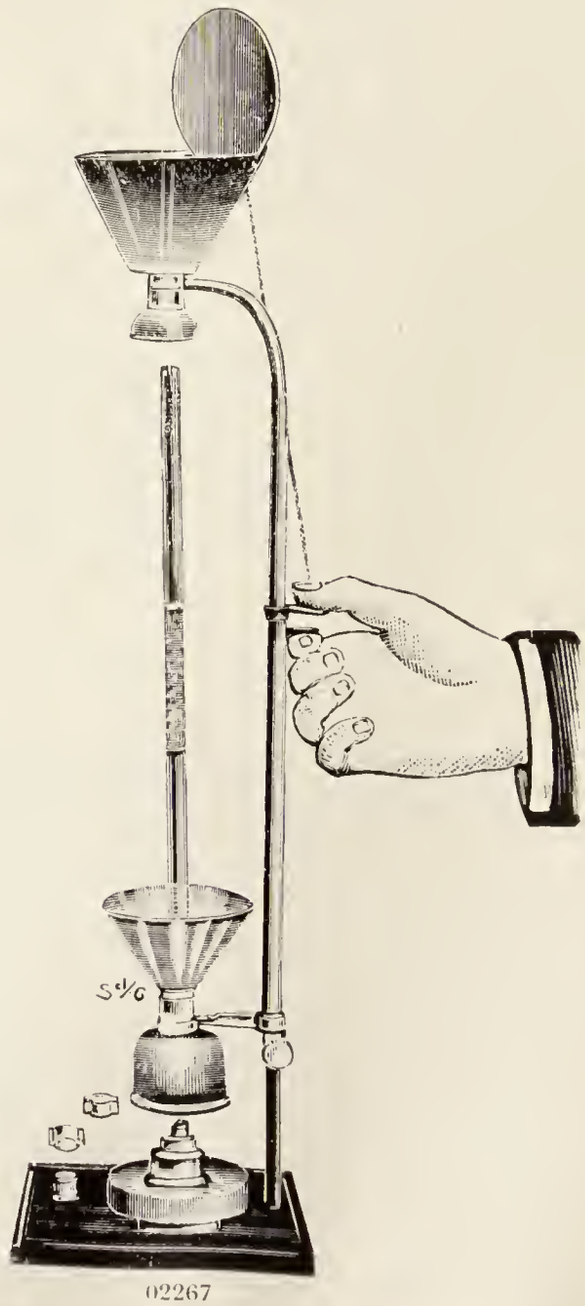
Urethrotomes—Contd.—

No.		£	s.	d.
02266	Teevan's, with 2 guides, complete in case	2	2	0

APPARATUS FOR STERILISATION OF ELASTIC GUM CATHETERS, Etc.

For Sterilisation by Boiling—

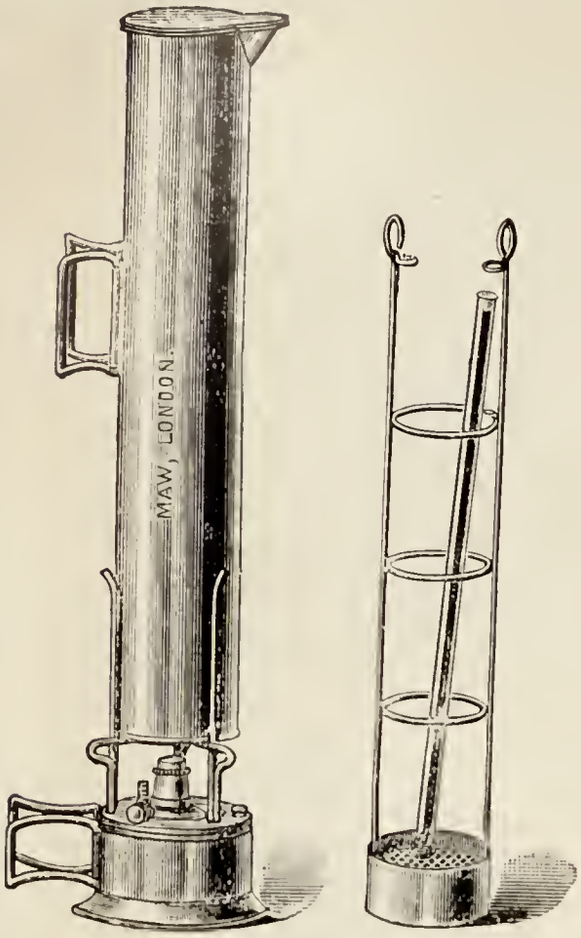
No.		£	s.	d.
02267	Herring's Apparatus,* improved model (registered), for patient's use, to sterilise and lubricate each catheter separately, consisting of Flask, Funnel, Tube, two metal Caps, Spirit Lamp and Stand	1	10	0
02268	Do. do. do., consisting of Flask, Funnel, six Tubes, twelve metal Caps, Spirit Lamp, Stand, Celluloid Box for Biniodide Wool, Stoppered Bottle (wide mouthed) for Liquid Paraffin, Stoppered Bottle (narrow mouthed) for Methylated Spirit, Bladder Syringe with silver-plated mount, and conical glass Jar, complete in japanned tin box	3	8	6
	Spare parts for above Apparatus—			
02269	Bladder Syrnige	0	8	6
02270	Bottles, wide mouthed, doz.	0	4	6
02271	Do. narrow ,, ,,	0	4	6
02272	Caps, metal .. .. ,,	0	2	0
02273	Celluloid Box	0	0	3
02274	Conical glass Jar .. doz.	0	7	6
02275	Tubes .. .. each	0	2	0
02276	Herring's Apparatus (registered), as No. 02267, but arranged to take funnel-ended catheters.. ..	1	10	0



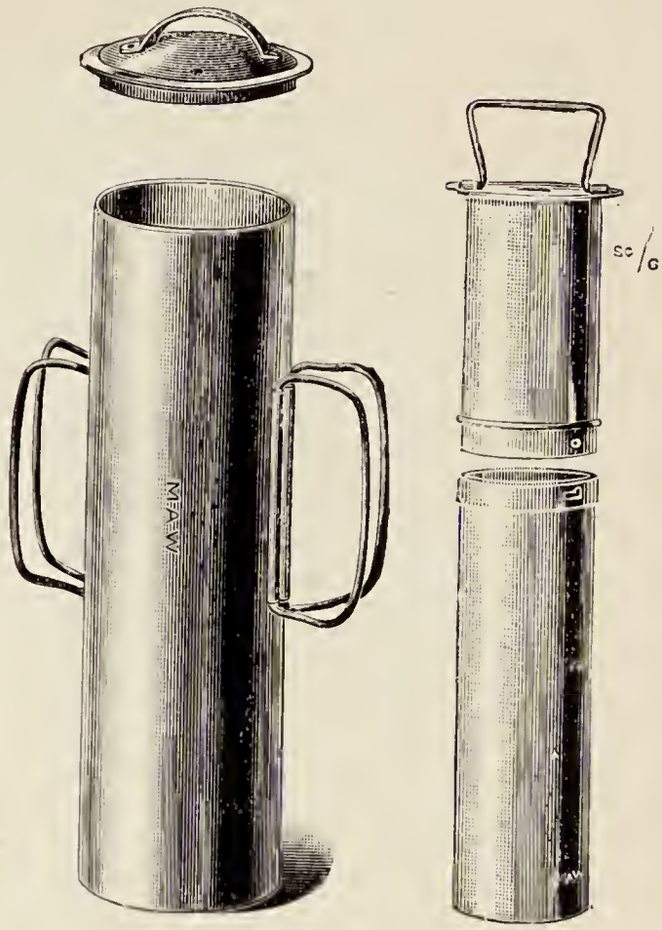
02267

* A full description of the apparatus will be found in Herring's "Sterilisation of Urethral Instruments."

Apparatus for the Sterilisation of Elastic Gum Catheters—Contd.—

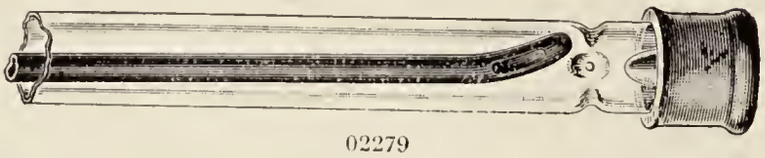


02277



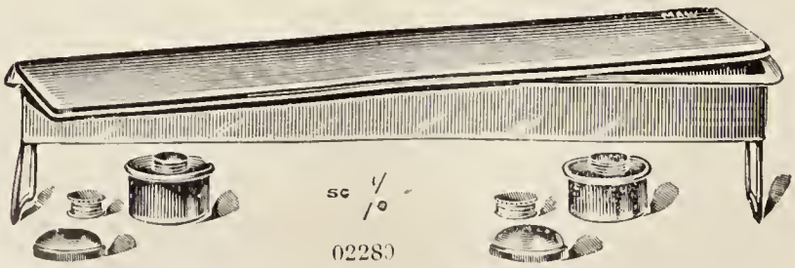
02278

No.	For Sterilisation by Boiling—Contd.—	£	s.	d.
02277	Herring's Apparatus,* for hospital use, to sterilise several catheters at a time, consisting of a cylindrical kettle with separate inner frame for holding 12 glass tubes, metal box for 24 india-rubber plugs, and spirit lamp with holder, tin, **13/6**; nickel-plated	1	7	0
	The above can be supplied without the inner frame at a reduction of—tin, **3/-**; nickel-plated, **3/6**.			
	A small quantity of liquid paraffin is poured into each tube before boiling.			
02278	Herring's Apparatus,* for Curved Metal Sounds, consisting of cylindrical kettle with separate inner cylinder and lamp, tin, **16/6**; nickel-plated	2	1	0
	By the above systems the instruments are both sterilised by boiling, and at the same time lubricated with a sterile lubricant (Paraffin Liquidum B.P.).			



02279

02279	Glass Tubes, for use with the apparatus, No. 02277, with constriction at one end to prevent catheter from slipping through, and two india-rubber plugs .. .. each	0	1	0

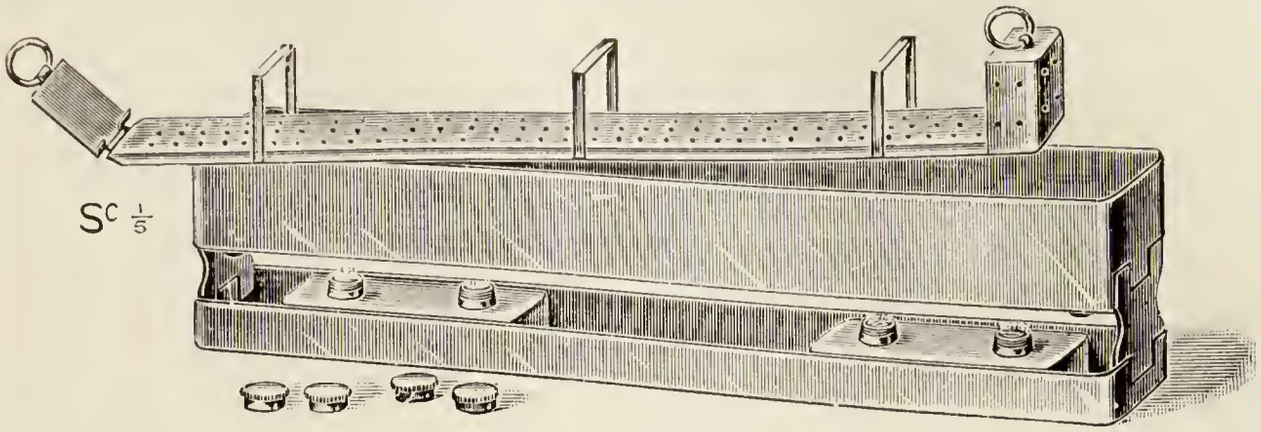


02280

02280	Steriliser, nickel-plated, 16 in. by $2\frac{1}{2}$ in. by $1\frac{3}{4}$ in., with folding legs and 2 lamps, in brown canvas case	1	0	0

* A full description of the apparatus will be found in Herring's "Sterilisation of Urethral Instruments."

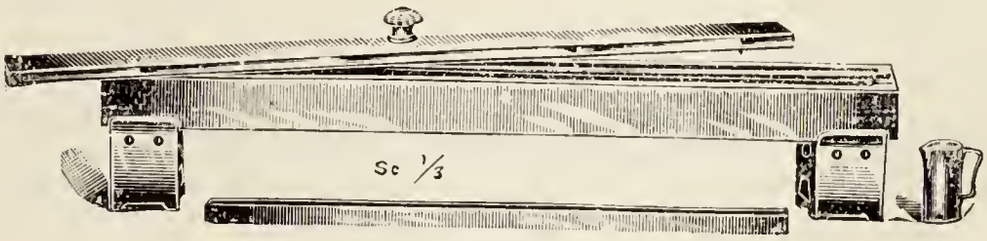
Apparatus for Sterilisation of Elastic Gum Catheters—Contd.—



02281

For Sterilisation by Boiling—Contd.—

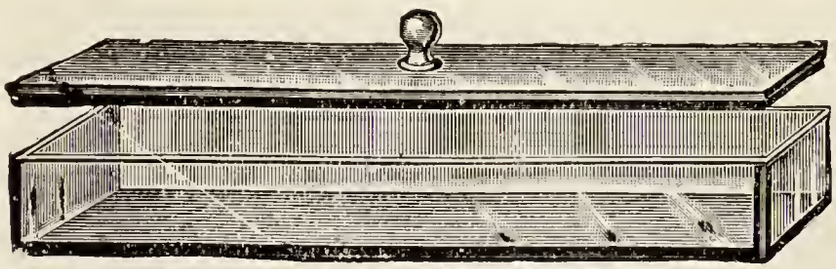
No.		£	s.	d.
02281	Steriliser, 17½ in. × 2 in., with registered hanging rack for draining the catheter	1	2	6



02282

02282	Steriliser, Leiter's, complete with spirit reservoir and filler ..	0	17	6

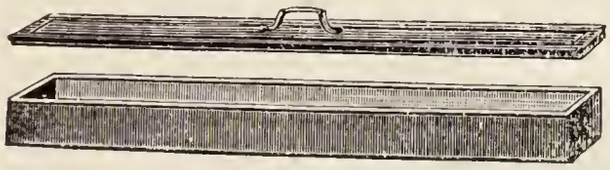
In this form of Steriliser the steam is made to pass not only round but through the interior of the catheter, thus ensuring sterilisation.



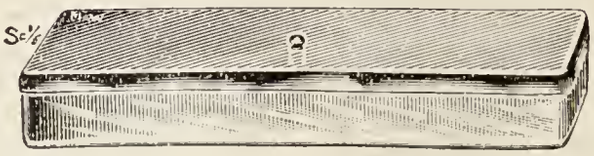
02283

By Immersion in Antiseptic Solutions—

02283	Glass Tray, with glass lid, 16 in. by 3 in. by 2 in...	0	7	0

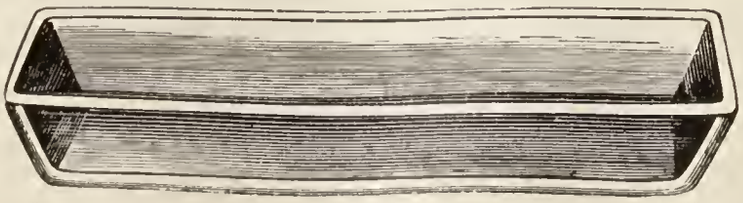


02284



02285

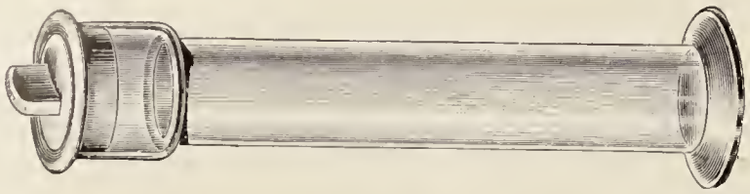
02284	Enamelled Iron Tray, with cover, 16 in. by 3 in. by 2 in. ..	0	3	0
02285	Glass Tray, with nickel-plated cover, 16 in. by 3 in. by 2 in. ..	0	6	0
02286	Do. do., with tin cover	0	4	6



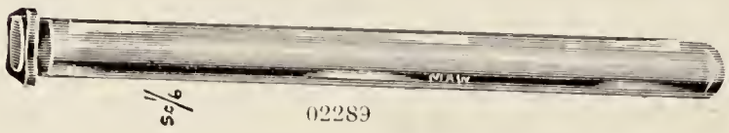
02287

02287	Glass Tray, with sloping sides, 16 in. by 3 in. by 2½ in... ..	0	3	6

Apparatus for Sterilisation of Elastic Gum Catheters—Contd.—



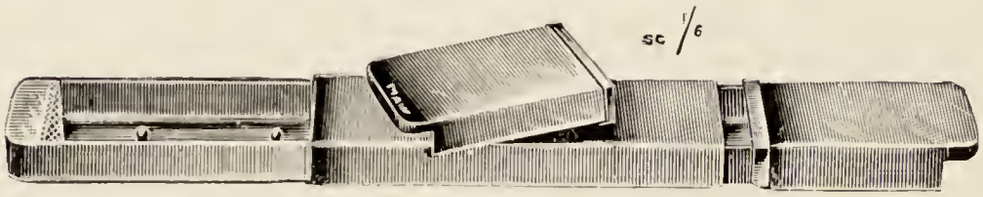
02288



02289

By Immersion in Antiseptic Solutions—Contd.—

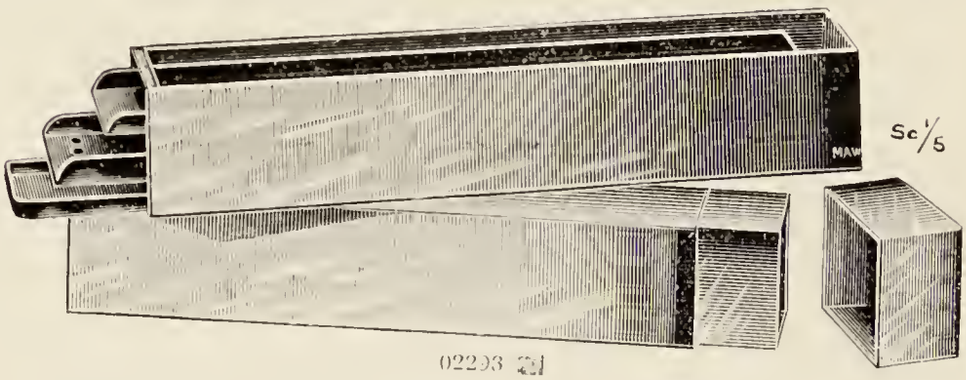
No.		£	s.	d.
02288	Glass-stoppered Jar, fitted with perforated metal diaphragm for suspending the catheters	0	5	9
02289	Glass Tube, with india-rubber bung for 12 catheters	0	2	3
02290	Do., with metal loop for hanging (as No. 02296).. ..	0	5	3
02291	Do., with india-rubber plug at either end, for 1 catheter..	0	1	0



02292

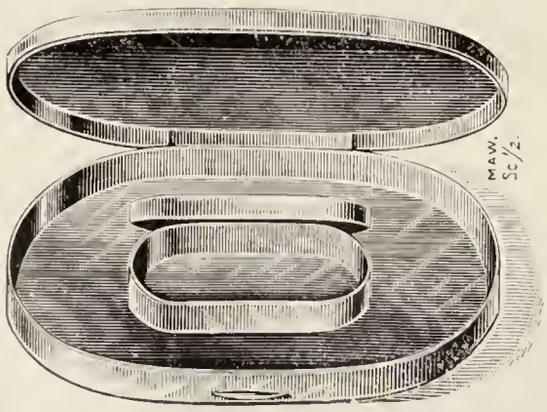
By Formalin Vapour—

02292	Albarran's Box, nickel-plated, for 6 catheters, with receptacle for trioximethyline, 15½ in. by 3 in. by 1 in.	1	1	0



02293 [illegible]

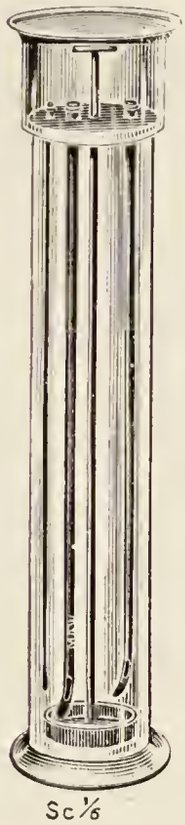
02293	Janet's Box, nickel-plated, with 3 trays, for hospital use, 16½ in. by 3 in. by 3 in., the lower tray being used for trioximethyline	1	12	0



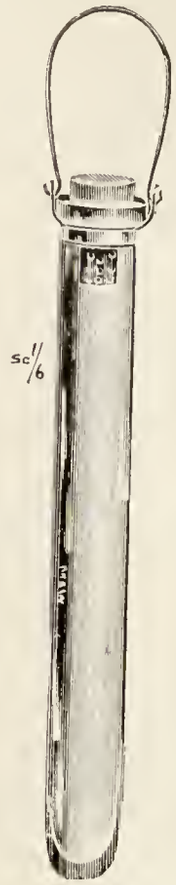
02294

02294	Metal Box, for pocket use, fitted with perforated inner box for trioximethyline .. .. Dimensions, 3½ in. by 2½ in.	0	3	6

Apparatus for Sterilisation of Elastic Gum Catheters—Contd.—



02295



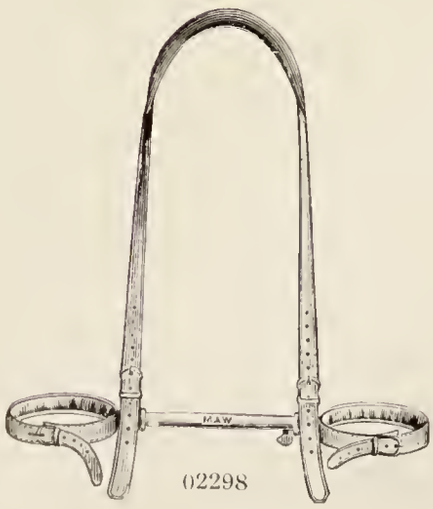
02296

02297

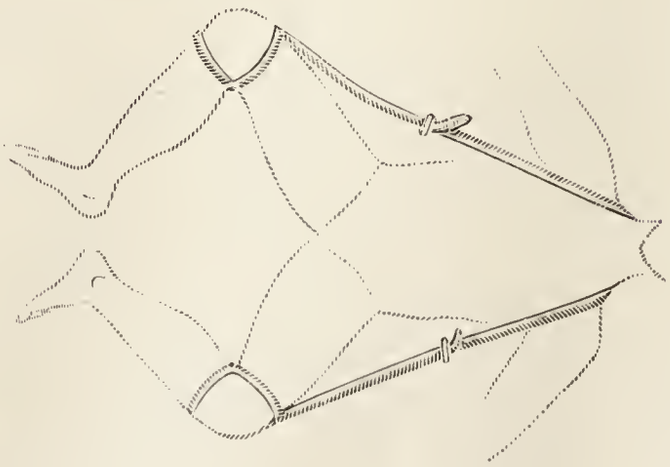
By Formalin Vapour—Contd.—

No.		£	s.	d.
02295	Glass Jar on foot, with perforated diaphragm for suspending the catheters, and tray for trioximethyline	0	8	6
02296	Nicoll's, or Mansell Moullin's, with small metal box attached to cork for carrying wool soaked with Formalin solution ..	0	6	9
02297	Metal Tubes, with receptacle at end for trioximethyline, or for wool soaked with Formalin solution, for 1 catheter, 5/- ; for 3	0	5	6

LITHOTOMY INSTRUMENTS.



02298



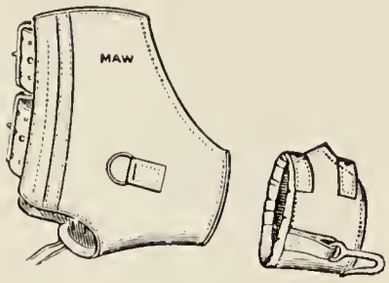
02301

Crutches, Straps, etc.—

02298	Clover's Crutch, complete	1	7	0
02299	Do. do., cheaper quality	0	19	6
02300	Do. do., Morris's modification, with swivels	0	19	6
02301	Lucy's Straps .. .. leather, 16/- ; web	0	7	6

Lithotomy Instruments—Contd.—

02302



02303

Crutches, Straps, etc.—Contd.—

No.		£	s.	d
02302	Wristlets and Anklets, Mason's	0	14	0
02303	Do. do., Pritchard's	0	19	0

02304

02305

02306

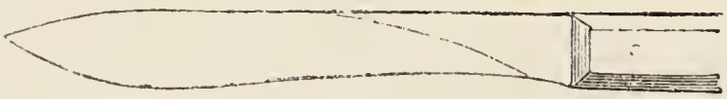
Lithotomy Forceps—

02304	Jacobson's, with fenestrated blades, disjointing	0	12	6
02305	Thompson's, straight .. .. 7 in., 6/6 ; 10 in.	0	9	0
02306	Do. curved .. .. 7 in., 7/6 ; 10 in.	0	10	0

If supplied with disjointing blades, 1/- *each extra.*

02307

02309



02310

Lithotomy Knives, solid forged—

02307	Fergusson's, sharp pointed	0	4	0
02308	Do. blunt pointed	0	4	0
02309	Liston's	0	4	0
02310	Thompson's	0	4	6

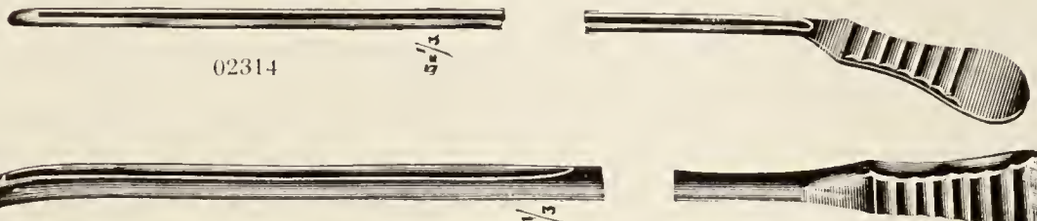
02311

02311	**Lithotomy Scoop,** double ended, 2 sizes .. .. each	0	5	0

Lithotomy Instruments—Contd.—

02312

No.	**Lithotomy Staffs—**	£	s.	d.
02312	Fergusson's, with lateral groove	0	4	6
02313	Do. with central groove	0	4	6



02314 02315

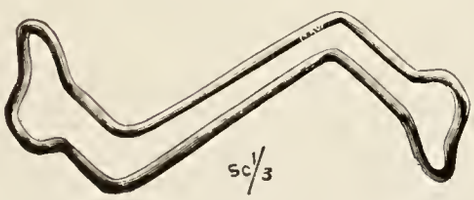
02314	Female	0	4	6
02315	Key's, straight	0	4	6

02316

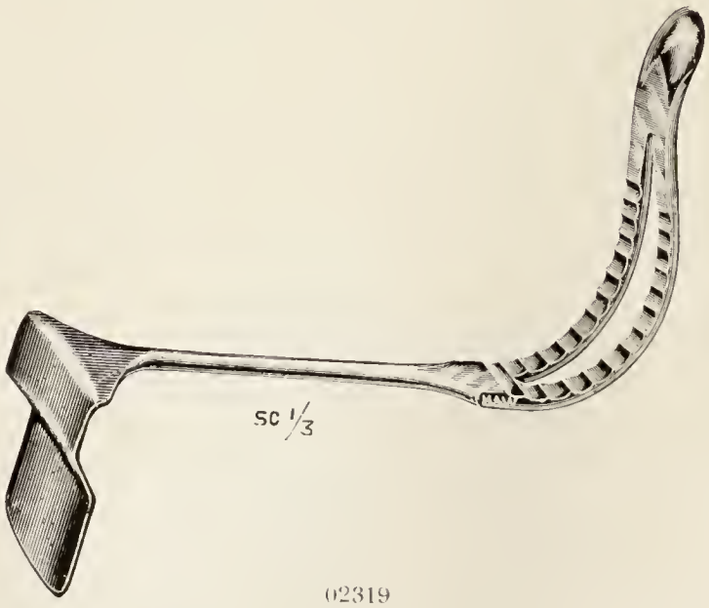
Lithotomy Tubes—

02316	Buckston Browne's, with india-rubber inflating bag, for arresting hæmorrhage	0	7	6
02317	Elastic gum, with petticoat, sizes 14, 15 and 16	0	6	0

(*See also Perineal Drainage Tubes, page* 234.)



02318



02319

Retractors, supra pubic—

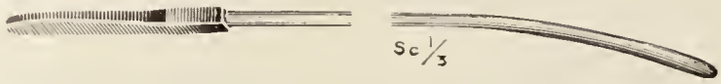
02318	Greig Smith's	0	4	0
02319	Thomson Walker's, 2 sizes, $\frac{7}{8}$ in. and $1\frac{7}{8}$ in. ..each **17/6** and	1	0	6

02320

Sounds, Hollow—

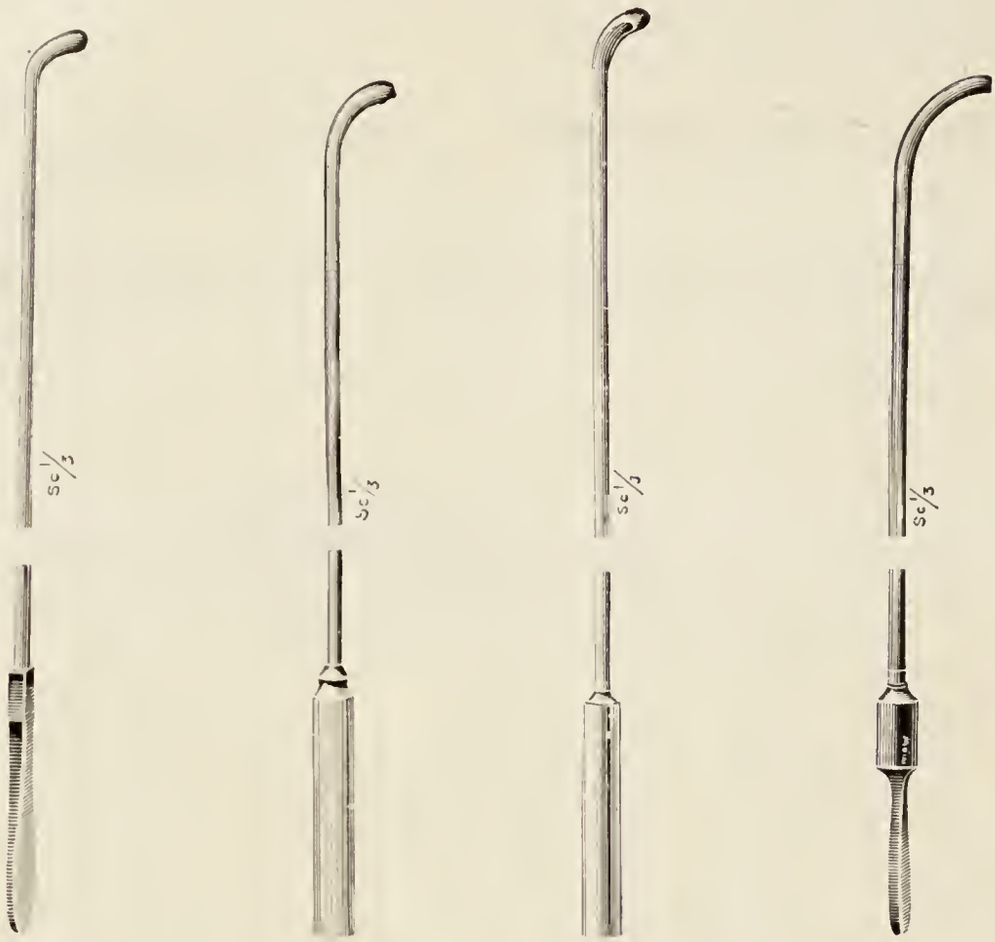
02320	Thompson's, with stop-cock, graduated, for gauging the size of the stone	0	12	6
02321	Do. do., without stop-cock	0	9	0

Lithotomy Instruments—Contd.—



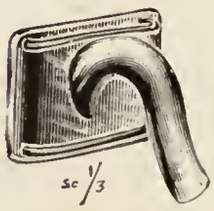
02322

No.	Sounds, Solid—	£	s.	d.
02322	Female	0	3	0

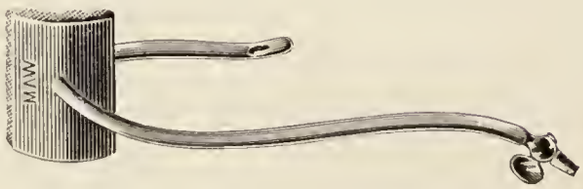


02323 02324 02325 02326

02323	Mercier's, bulbous	0	4	0
02324	Thompson's, short beak, with cylindrical handle	0	6	0
02325	Do. do., flattened on either side	0	6	0
02326	Do. improved model, modified by Herring	0	6	0



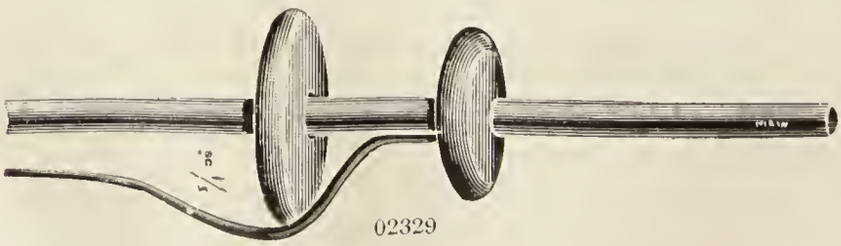
02327



02328

Supra pubic Drainage Tubes—

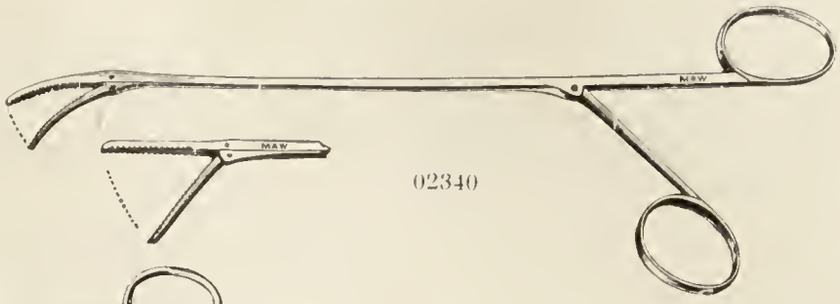
02327	Buckston Browne's, plated shield, for use with india-rubber catheter	0	12	6
02328	Thompson's, india-rubber, with shield and tap	0	6	0



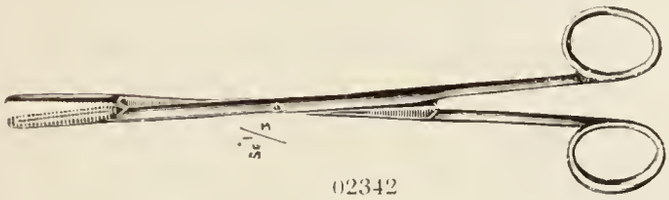
02329

02329	India-rubber, with inflatable tampon	0	9	6

Lithotomy Instruments—Contd.

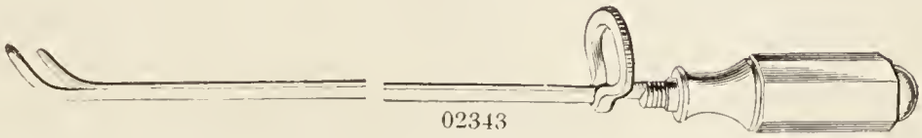


02340

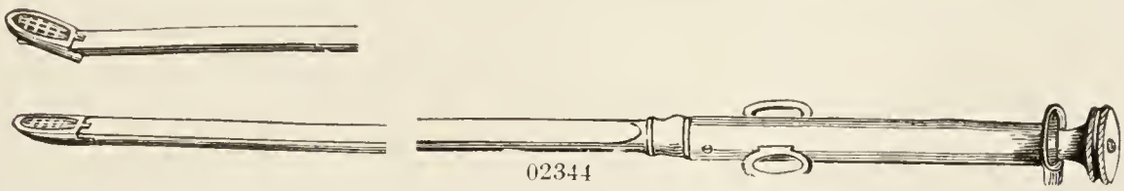


02342

No.	Urethra Forceps—	£	s.	d.
02340	Crocodile mouth	0	15	0
02341	Durham's, with flexible stem	0	13	6
02342	Thompson's	0	6	0



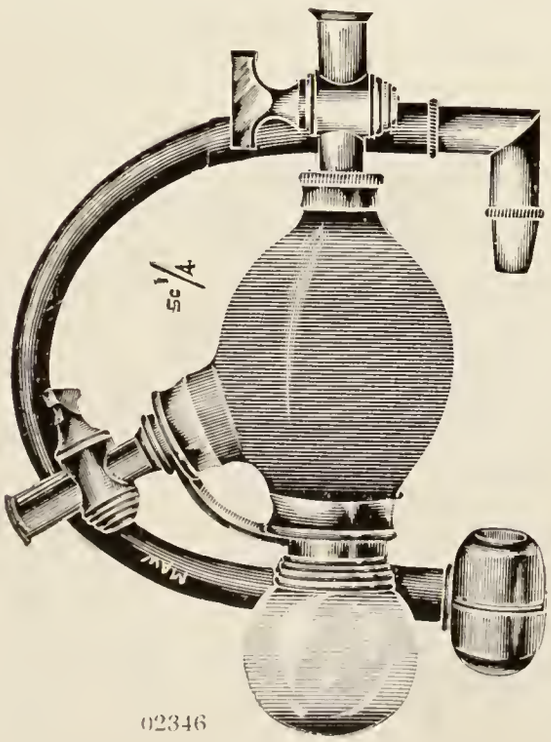
02343



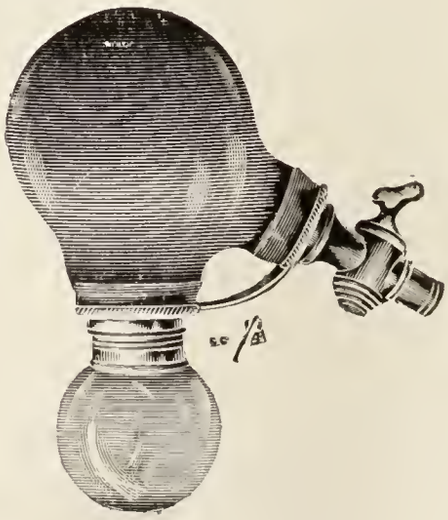
02344

	Urethra Scoops, Calculus Extractors, etc.—			
02343	Fergusson's	2	0	0
02344	Leroy D'Etoile's	0	13	6
02345	Thompson Walker's	0	10	0

LITHOTRITY INSTRUMENTS.



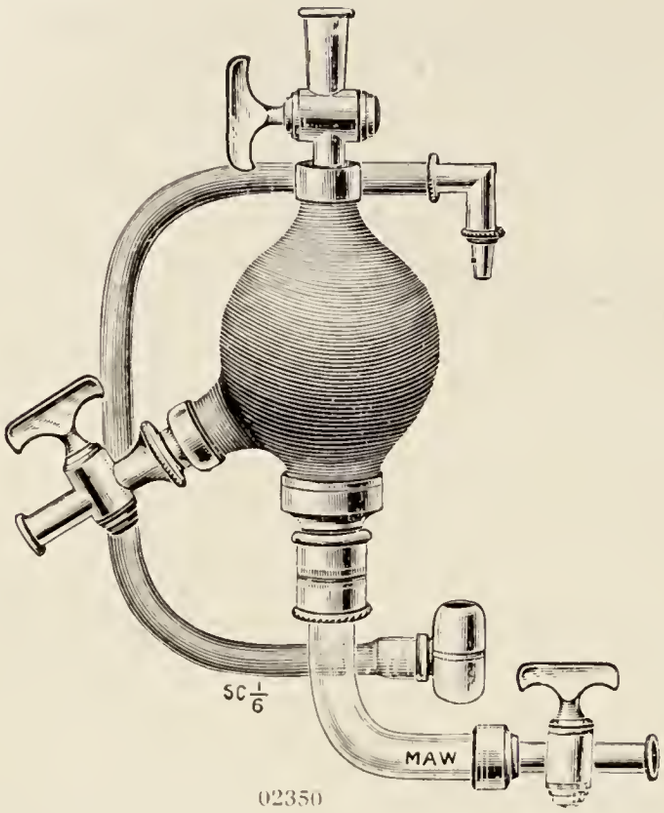
02346



02348

	Evacuators—			
02346	Bigelow's	2	10	0
02347	Do. with set of 4 canulæ	4	4	0
02348	Freyer's	1	16	0
02349	Do. with set of 4 canulæ	3	7	6

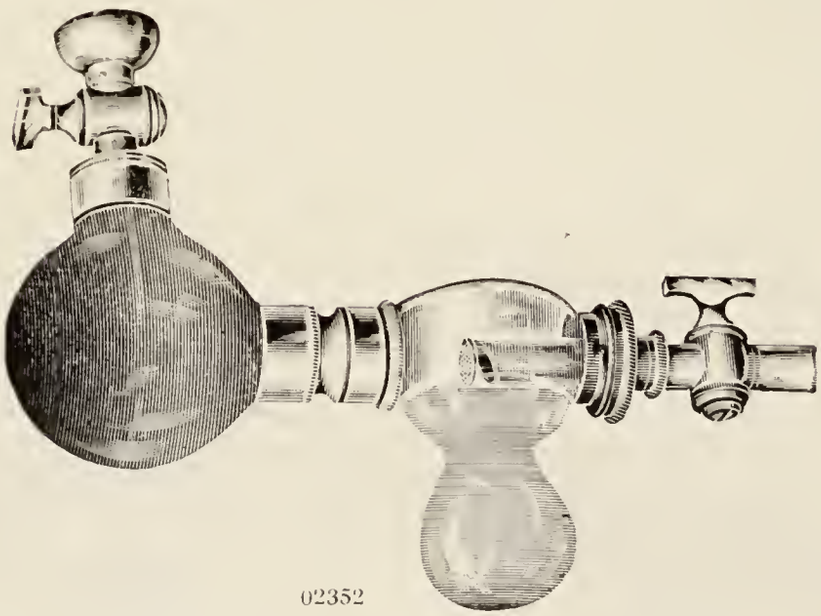
Lithotrity Instruments—Contd.—



02350

Evacuators—Contd.—

No.		£	s.	d.
02350	Morse's	3	15	0
02351	Do. with set of 4 canulæ	4	12	6



02352

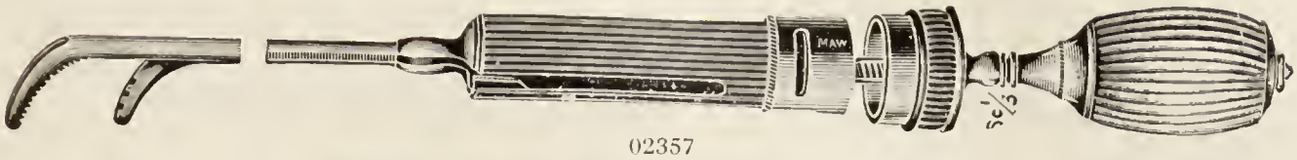
02352	Thompson's, latest model	2	5	0
02353	Do. with set of 4 canulæ	3	18	6

02354

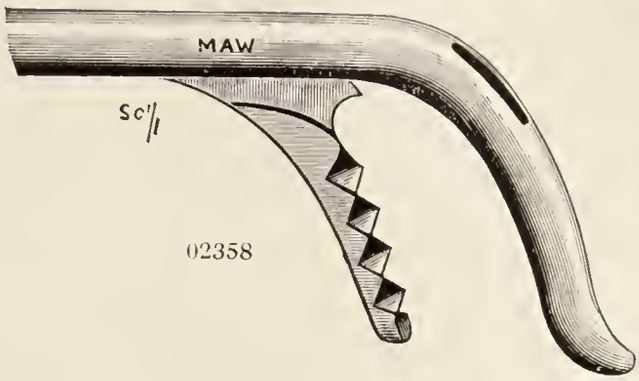
Canulæ, for use with Evacuators—

02354	Curved, sizes 5-18 (English gauge)	each	0	9	0
02355	Pilots for do.	,,	0	4	6
02356	Straight, sizes 5-18 (English gauge)	,,	0	7	6
02357	Pilots for do.	,,	0	3	0

Lithotrity Instruments—Contd.—

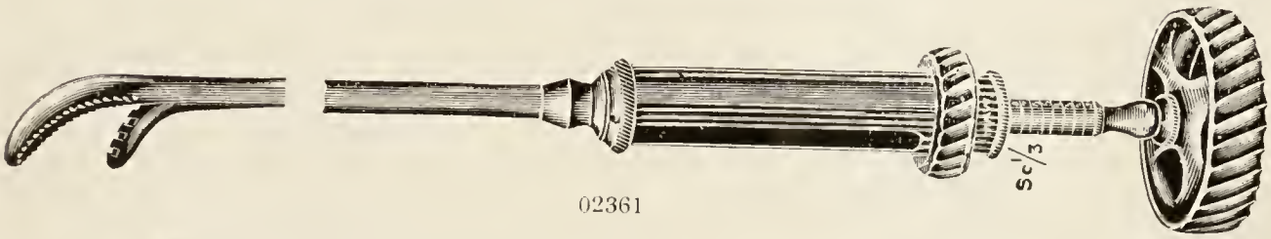


02357



02358

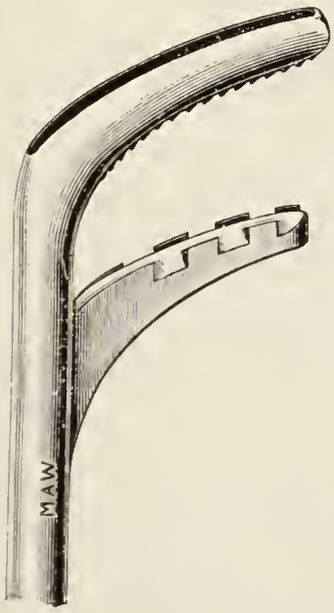
No.	**Lithotrites—**	£	s.	d.
02357	Bigelow's, fenestrated	6	10	0
02358	Do. semi-fenestrated, with toe curved forward	6	10	0
02359	Freyer's, with handle and lock as No. 02357, and with fenestrated female blade as Thompson's No. 02363	6	10	0
02360	Herring's, with handle as No. 02357, and with lock and female blade as No. 20363	6	10	0



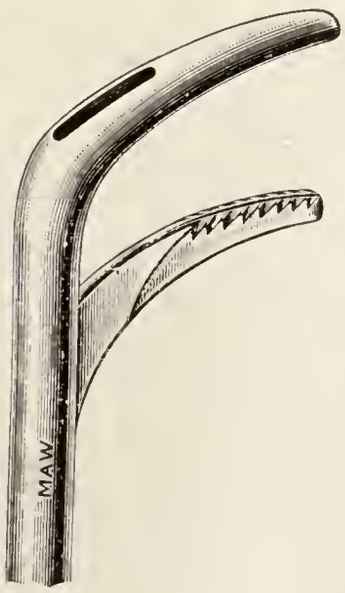
02361

02361	Milton's, fenestrated	6	0	0
02362	Do. extra powerful, with 4½ in. grip for large stones	6	6	0

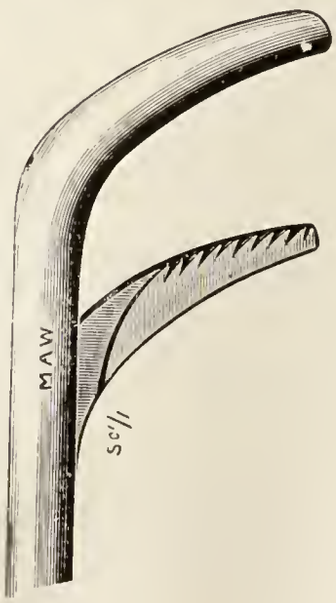
02363



02363



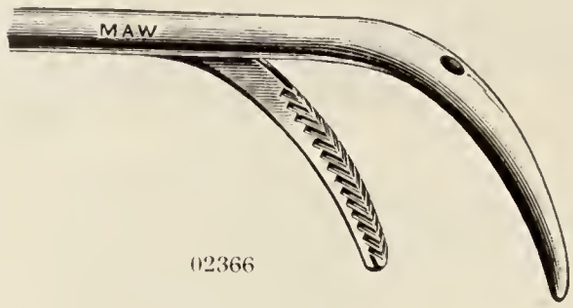
02364



02365

02363	Thompson's, fenestrated, for large stones	5	5	0
02364	Do. semi-fenestrated, for small stones	5	7	6
02365	Do. non-fenestrated, with flat female blade, for soft stones	5	7	6

Lithotrity Instruments—Contd.—



02366

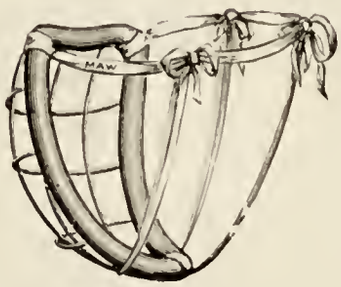
Lithotrites—Contd.—

No.		£	s.	d.
02366	Thompson's, light model, for children, with handle, etc., as No. 02363	5	7	6

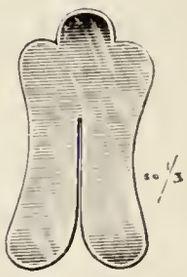
02367

02367	Teevan's	5	10	0

PHIMOSIS INSTRUMENTS.

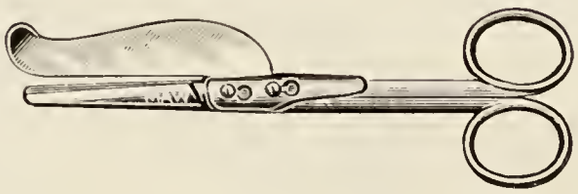


02369



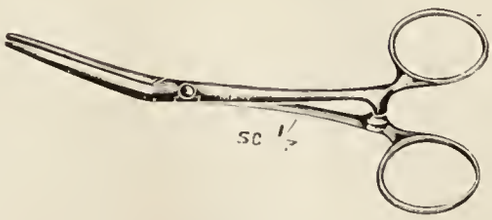
02370

02368	**Circumcision Clamp,** Clover's, vulcanite	0	5	6
02369	**Circumcision Guard,** wire	0	3	9
02370	**Circumcision Shield,** Jewish pattern, plated	0	2	6



02371

02371	**Circumcision Scissors,** Dutch's, with guard	0	6	6

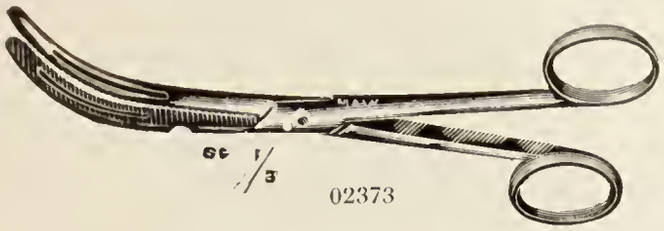


02372

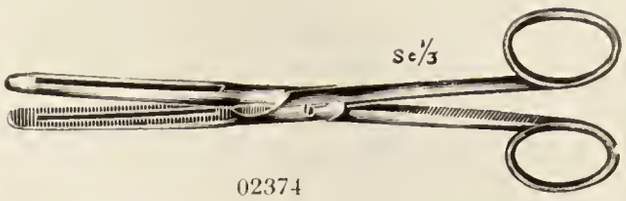
Phimosis Forceps—

02372	Bellamy's	0	7	6

Phimosis Instruments—Contd.—



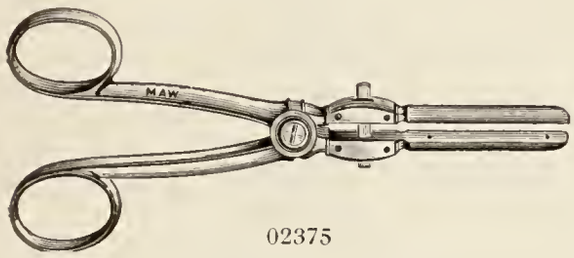
02373



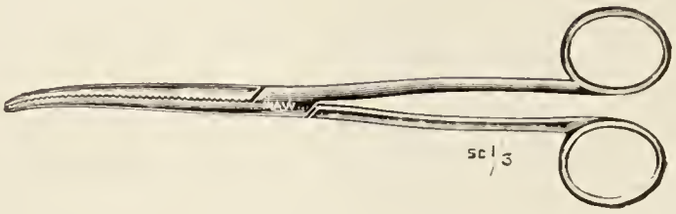
02374

Phimosis Forceps—Contd.—

No.		£	s.	d.
02373	London Hospital pattern	0	10	6
02374	Ricord's	0	6	0

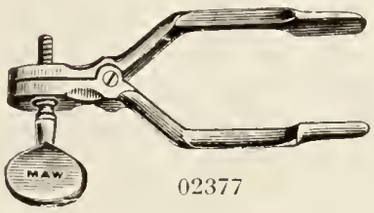


02375

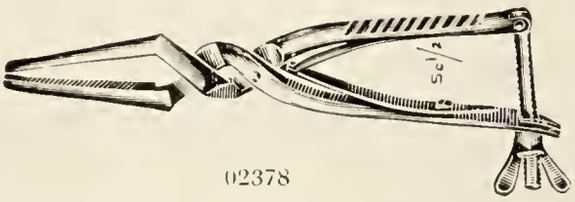


02376

02375	Parallel blades	0	15	0
02376	Curlings	0	5	0



02377

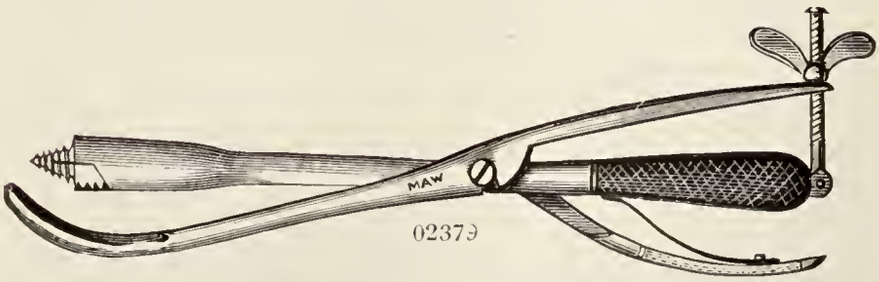


02378

Prepuce Dilators—

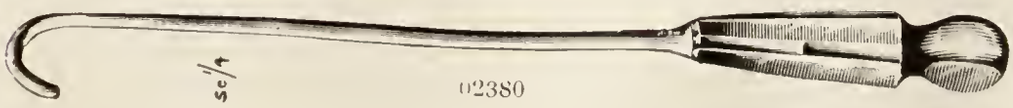
02377	Carver's..	0	7	6
02378	Gardner's	0	13	0

MIDWIFERY INSTRUMENTS.



02379

02379	**Basilyst,** Simpson's, with metal handles	3	7	6

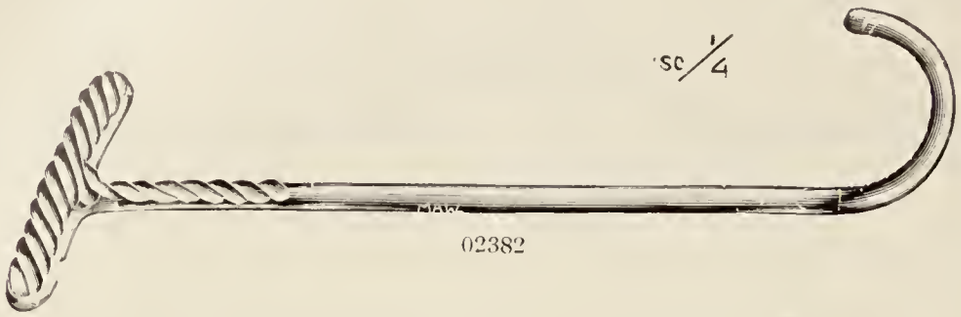


02380

Blunt Hooks—

02380	Barnes's, with metal handle	0	6	6
02381	Do. with cross handle	0	7	6

Midwifery Instruments—Contd.—



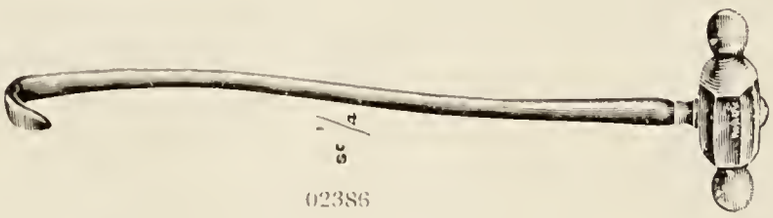
02382

No.		£	s.	d.
	Blunt Hooks—Contd.—			
02382	Targett's	0	8	6

02383

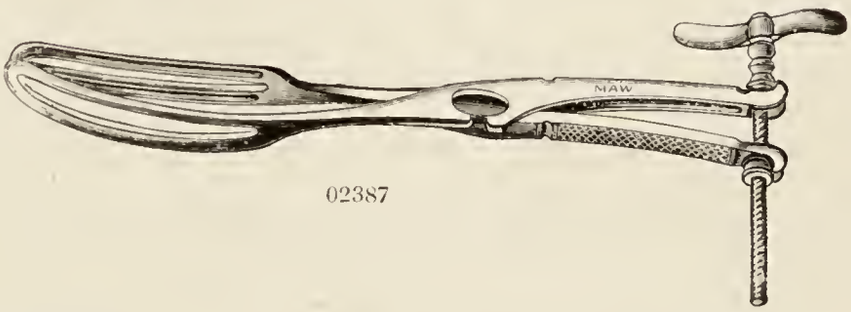
02383	**Blunt Hook,** with Crotchet, solid forged	0	5	0
02384	**Bougie,** Galabin's, celluloid, for inducing premature labour	0	1	9
02385	Do. Queen Charlotte's Hospital pattern, elastic gum	0	0	6

Catheters, Female (see pages 69 and 70).



02386

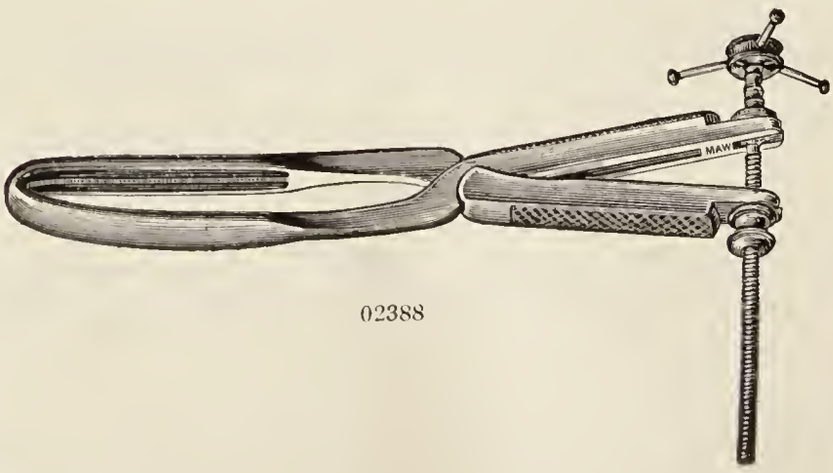
02386	**Crotchet,** with metal handle	0	6	0



02387

Cephalotribes—

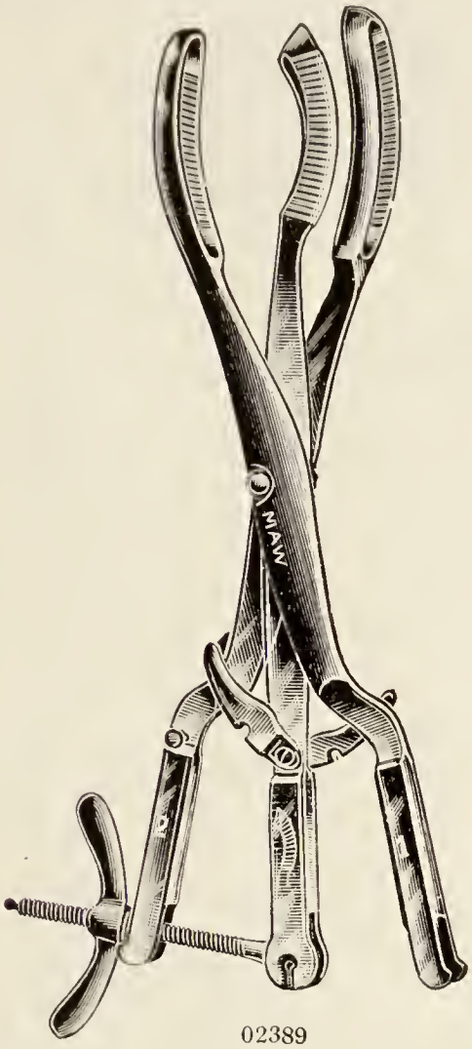
02387	Barnes's	2	5	0



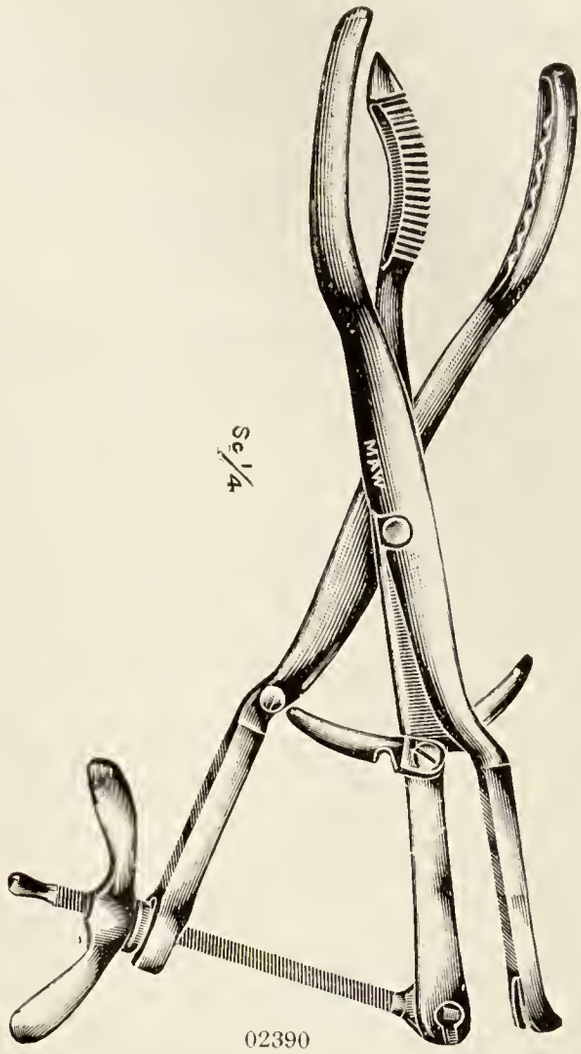
02388

02388	Braxton Hicks's	2	5	0

Midwifery Instruments—Contd.—



02389

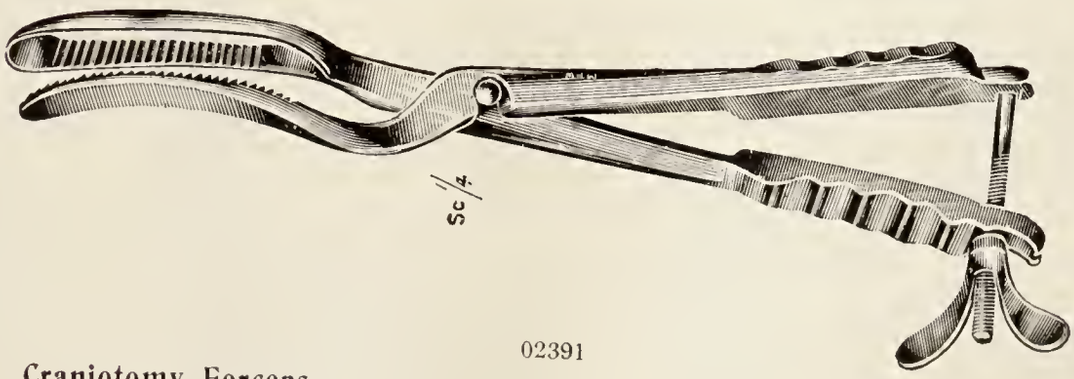


02390

Cranioclast and Cephalotribe combined—

No.		£	s.	d.
02389	Auvard's	3	3	0
02390	Winter's	3	5	0

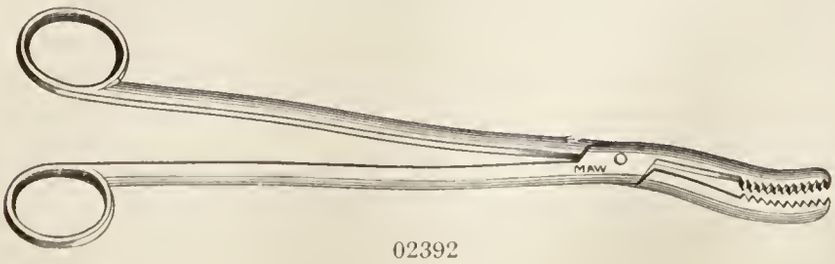
The Cranioclast is formed by means of the central and anterior blades which are introduced in the order named; the third blade is not used unless further compression is required.



02391

Craniotomy Forceps—

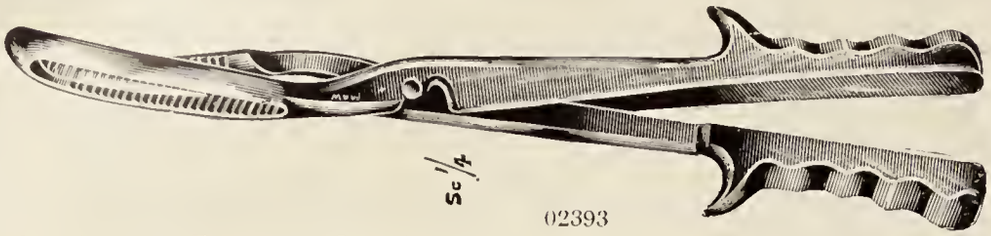
02391 Barnes's, with fluted metal handles 1 10 0



02392

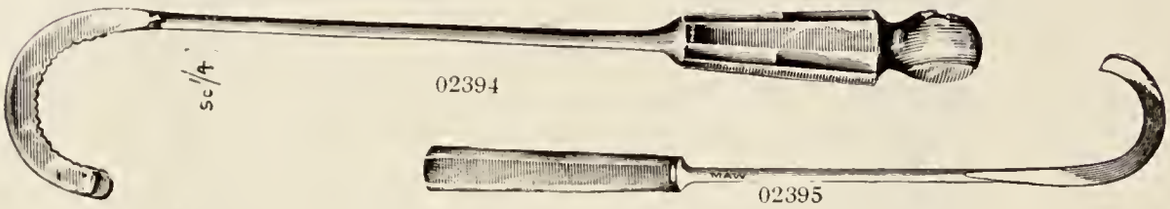
02392 Churchill's 0 8 0

Midwifery Instruments—Contd.—



02393

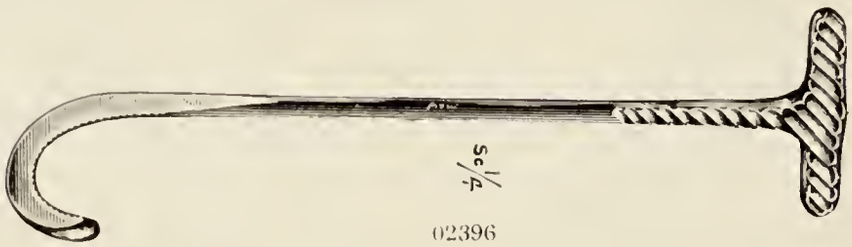
No.	**Craniotomy Forceps—Contd.—**	£	s.	d.
02393	Simpson's Improved	1	5	0



02394 02395

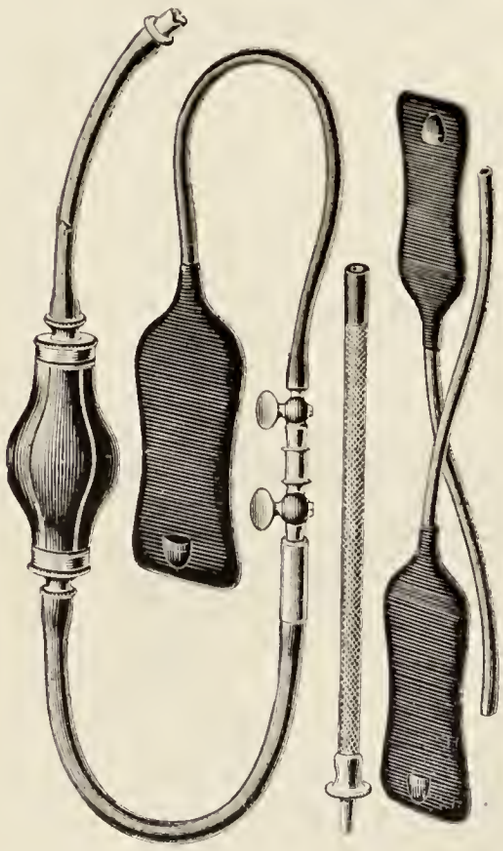
Decapitating Hooks—

02394	Lever's, with metal handle	0	7	0
02395	Ramsbotham's, with metal handle	0	7	0

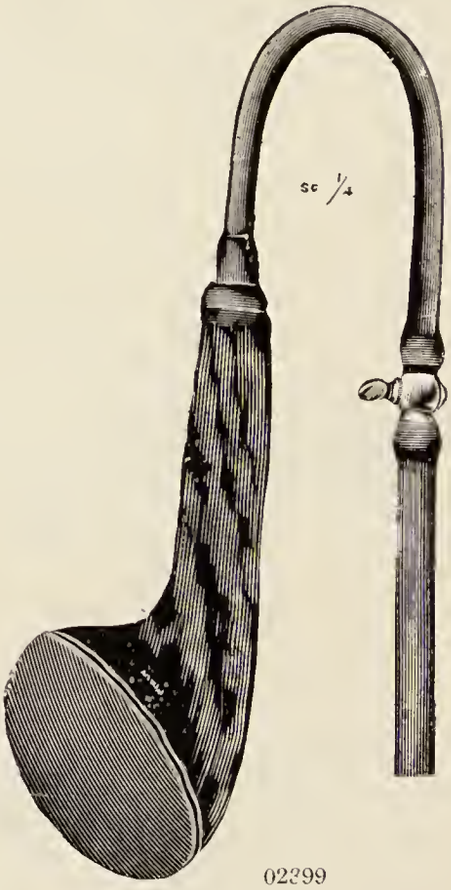


02396

02396	Targett's, with fluted cross-handle	0	10	0



02397



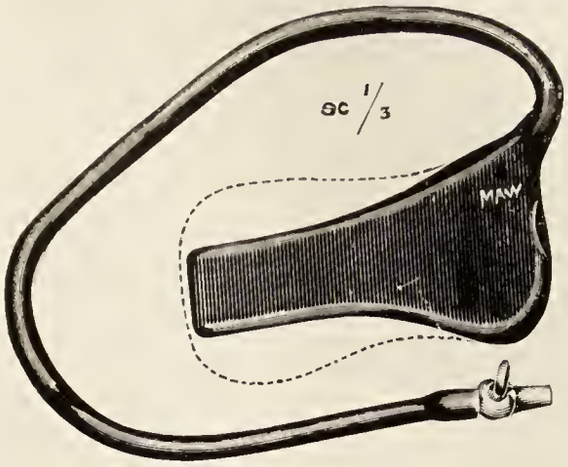
02399

Dilating Bags—

02397	Barnes's, set of 3, with stop-cocks, syringe, and elastic gum uterine pipe, complete in box	1	1	0
02398	Spare Bags for do., with taps, large, **4/-**; medium, **3/9**; small	0	3	6
02399	Champetier de Ribe's, 2 sizes .. .. each	0	9	6
02400	Do. do., silk	0	9	0
02401	Do. do., mackintosh, Army pattern	0	8	6

Midwifery Instruments—Contd.—

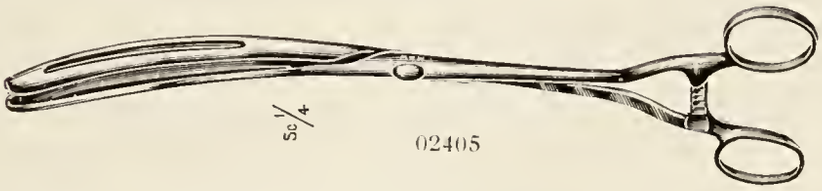
02402



02403

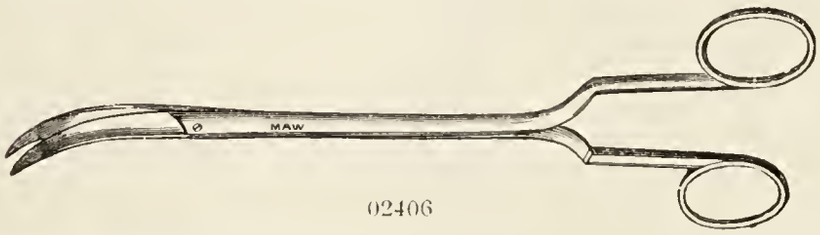
Dilating Bags—Contd.—

No.		£	s.	d.
02402	Queen Charlotte's Hospital pattern, globular	0	2	6
02403	Steele's, set of 3, with stop-cocks	0	10	6
02404	Victor Bonney's	0	11	6



02405

02405	Forceps, for introducing Champetier de Ribe's bags	0	14	6

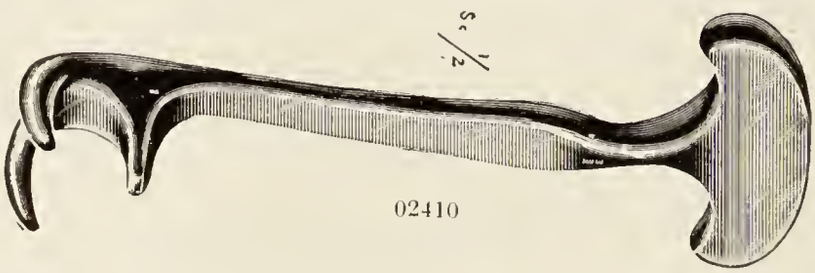


02406

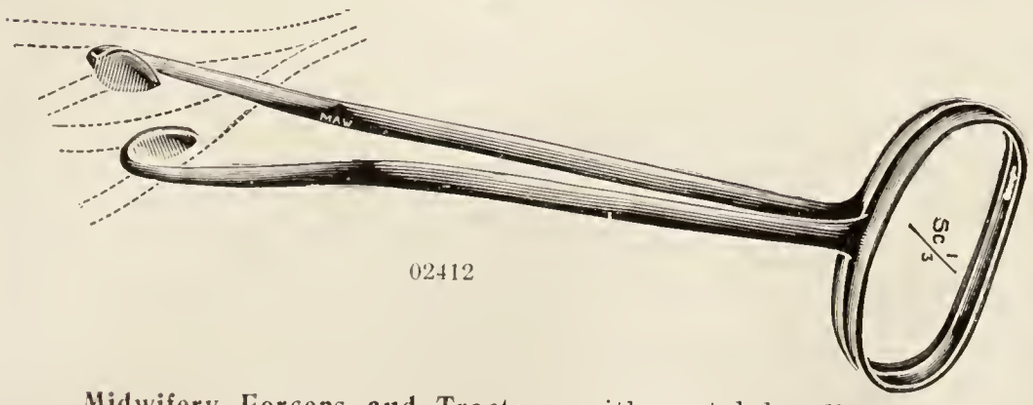
02406	**Embryotomy Scissors,** curved	0	9	0
02407	Do. do., disjointing	0	11	6

02408

02408	**Fine Hook,** Oldham's, for Spine, with metal handle	0	6	0
02409	**Manikin and Pelvis,** Chamois and leather for labour demonstrations ..	7	15	0



02410



02412

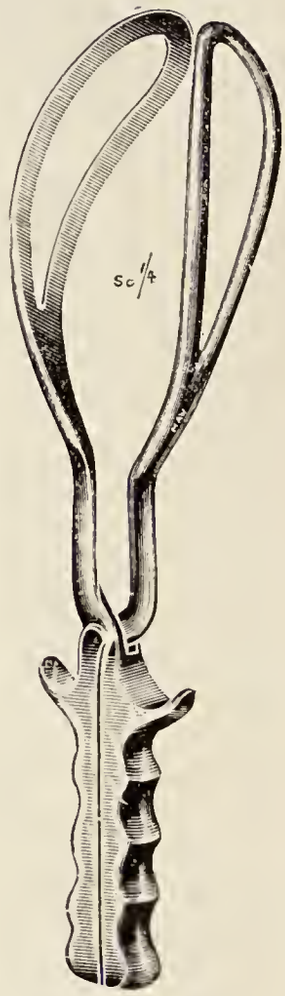
Midwifery Forceps and Tractors, with metal handles—

02410	Axis Tractors, Le Page's, to fit over lock of blades .. each	0	6	0
02411	Do. do., original pattern, with fluted handle ,,	0	6	0
02412	Do. Morgan's, to fit into angle of blades per pair	0	9	0

Midwifery Instruments—Contd.—

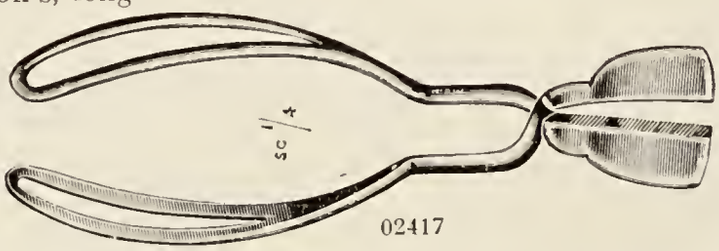
02413

02415



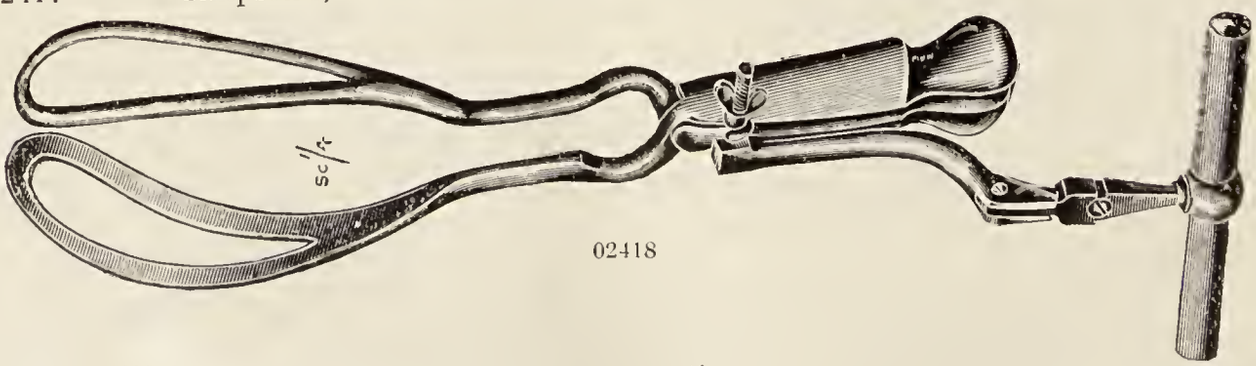
02416

No.	**Midwifery Forceps**, with metal handles—**Contd.**—	£	s.	d.
02413	Anderson's, consisting of Barnes's forceps with Simpson's handles	1	1	0
02414	Barclay's	1	4	0
02415	Barnes's	1	0	0
02416	Simpson's, long	1	1	0



02417

02417	Simpson's, short	0	15	0

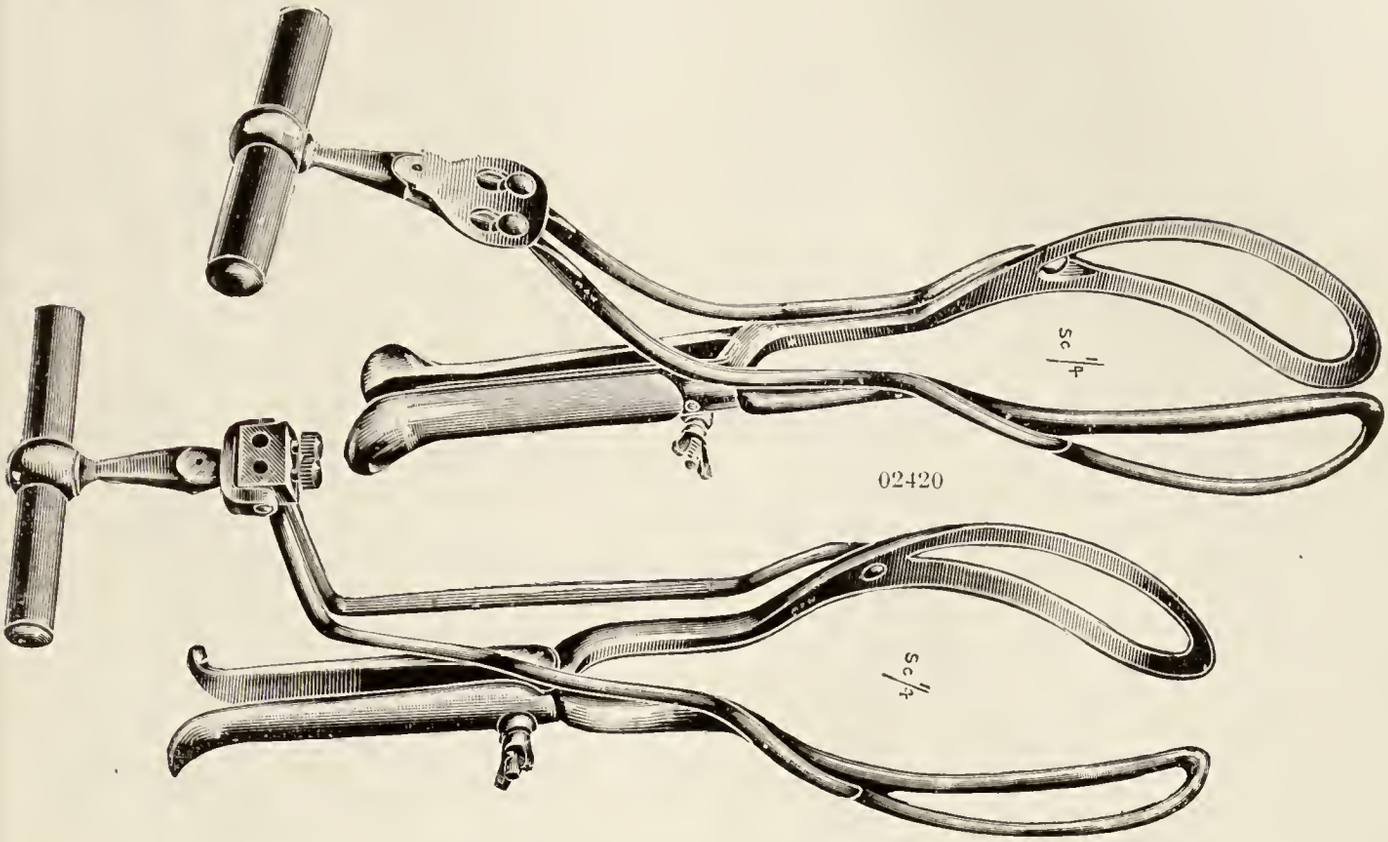


02418

Midwifery Forceps, Axis Traction, aseptic—

02418	Neville's	2	0	0
02419	Do. with Simpson's handles	2	1	0

Midwifery Instruments—Contd.—

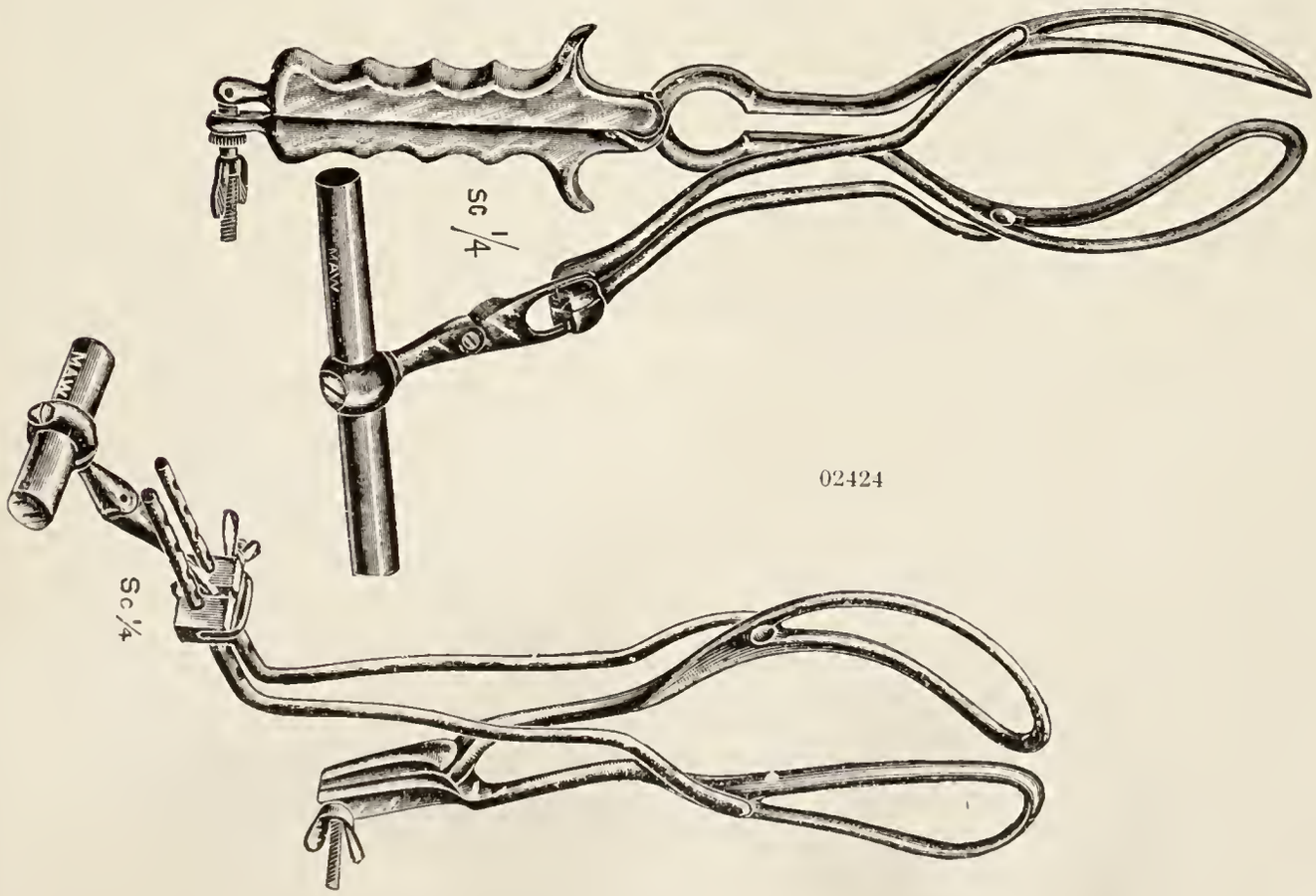


02420

02423

Midwifery Forceps, Axis Traction, aseptic—**Contd.**—

No.		£	s.	d.
02420	Cullingworth's, with removable traction rods	2	8	0
02421	Galabin's	1	12	0
02422	Milne Murray's, with removable traction rods	2	12	6
02423	Do. original pattern	2	3	0

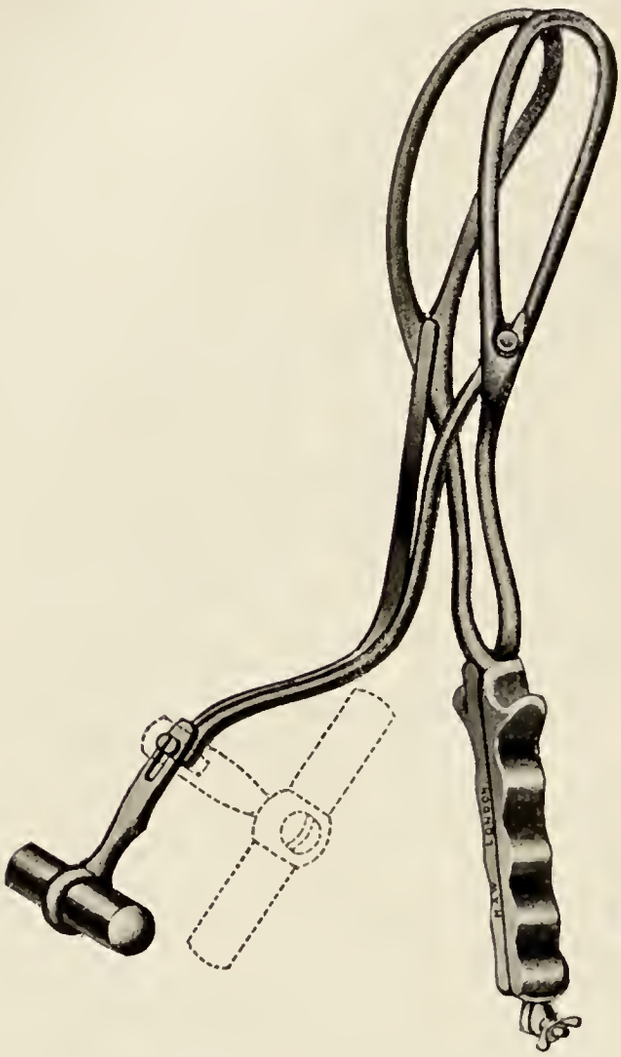


02424

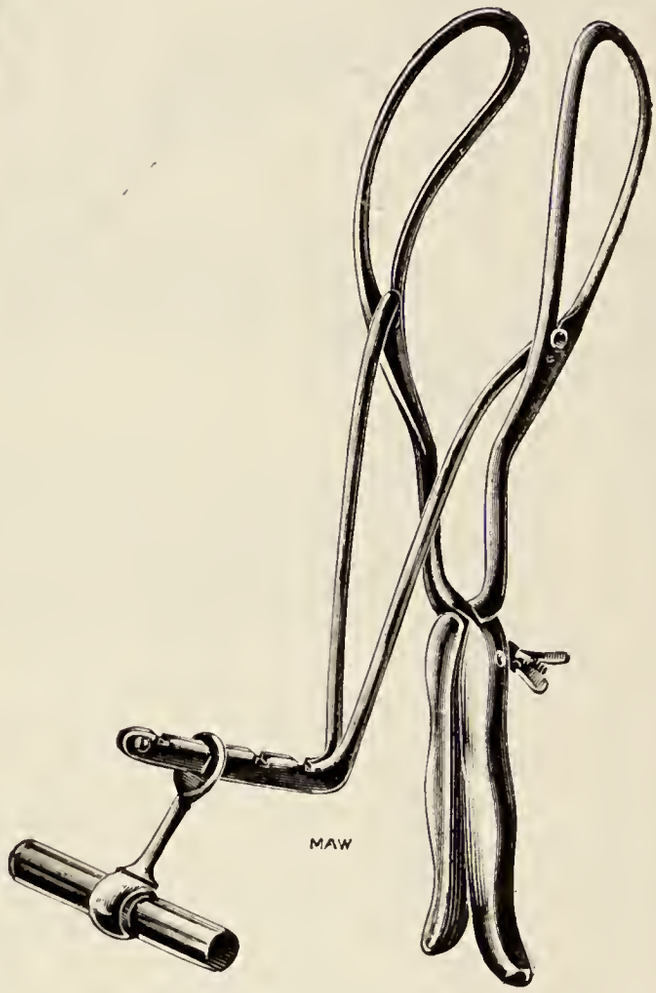
02425

02424	Maxwell's	2	16	0
02425	Porter Mathew's	2	8	0

Midwifery Instruments—Contd.—

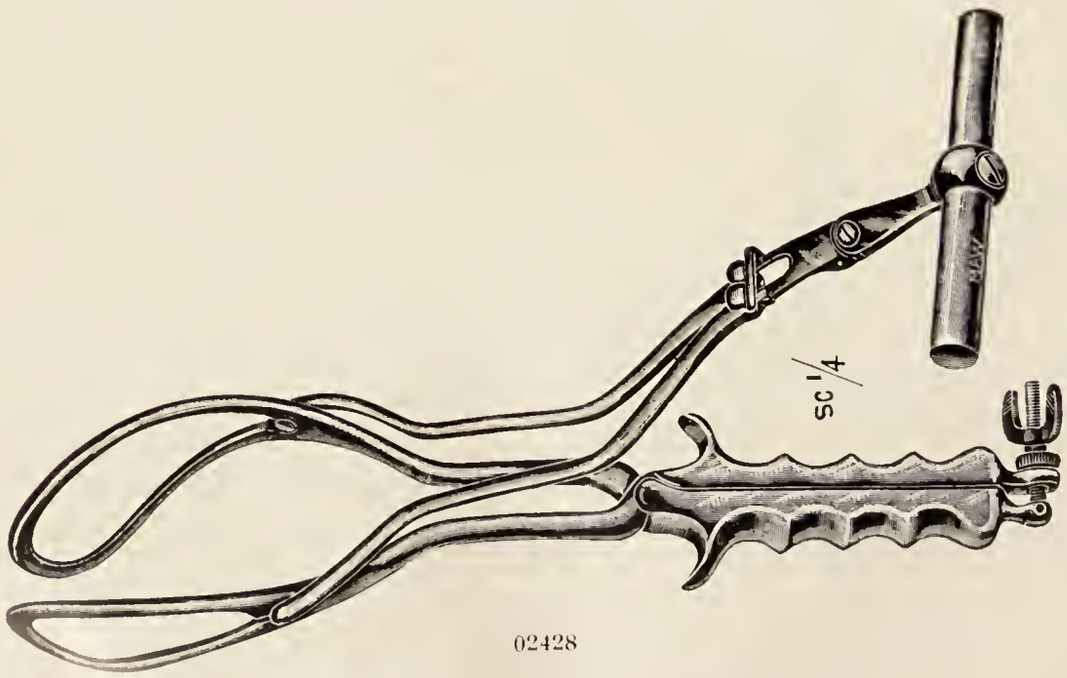


02426



02427

No.	**Midwifery Forceps,** Axis Traction, aseptic—**Contd.—**	£	s.	d.
02426	Stawell's, with inside traction rods..	2	16	0
02427	Victor Bonney's, with inside traction rods..	2	16	0



02428

02428	Williamson's, with safety-catch fitted to tractor handle.. ..	2	16	0

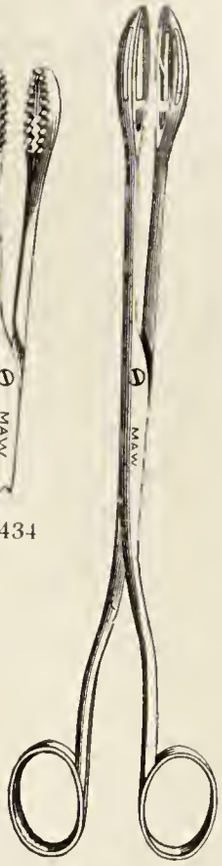
Midwifery Instruments—Contd.—

02429

02430

02432

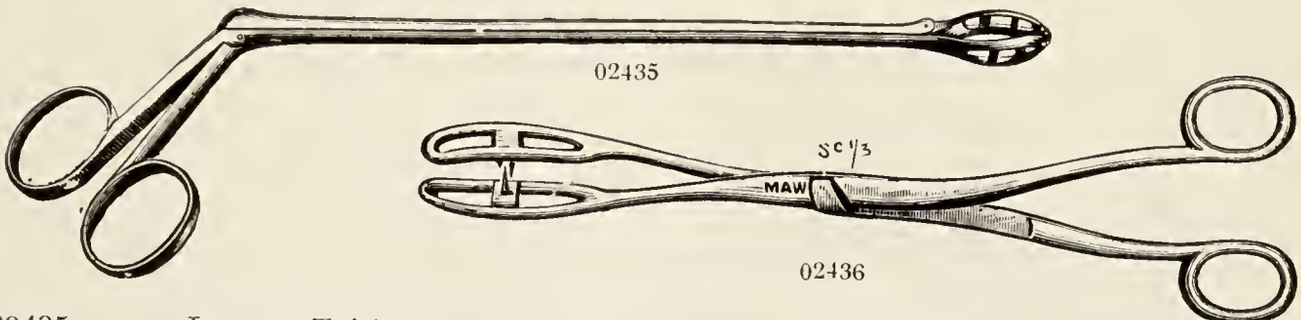
02434



02433

No.	Ovum Forceps—	£	s.	d.
02429	Galabin's	0	9	0
02430	Greenhalgh's, fenestrated	0	8	6
02431	Do. do., disjointing	0	9	6
02432	Herman's, disjointing, the separate parts being useful as blunt curettes	0	14	6
02433	Heywood Smith's, fenestrated	0	12	0
02434	Do. do., serrated	0	12	0

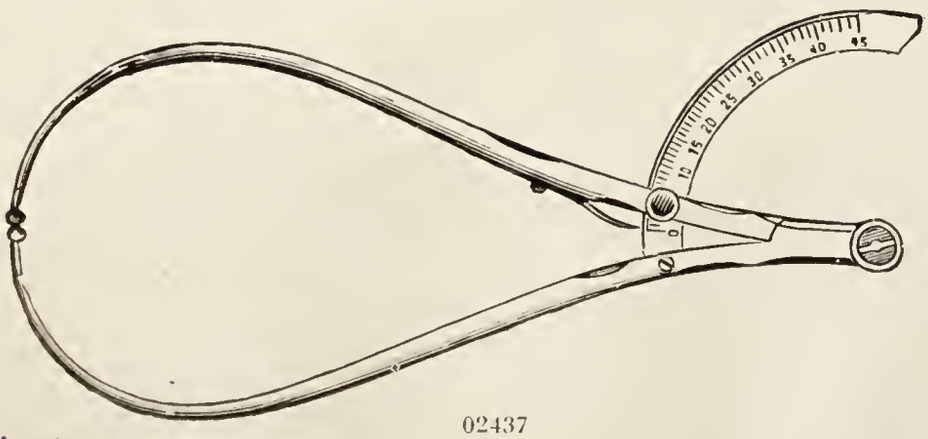
Nos. 02433 *and* 02434 *can be supplied with disjointing blades at an additional cost of* 2/- *each extra.*



02435

02436

02435	Lawson Tait's	0	18	6
02436	Rabagliati's, disjointing	0	13	6

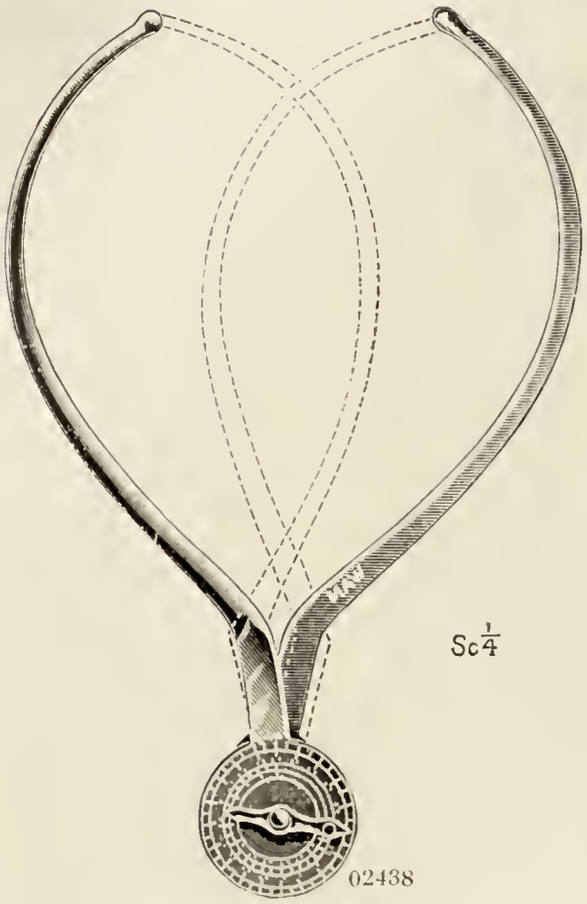


02437

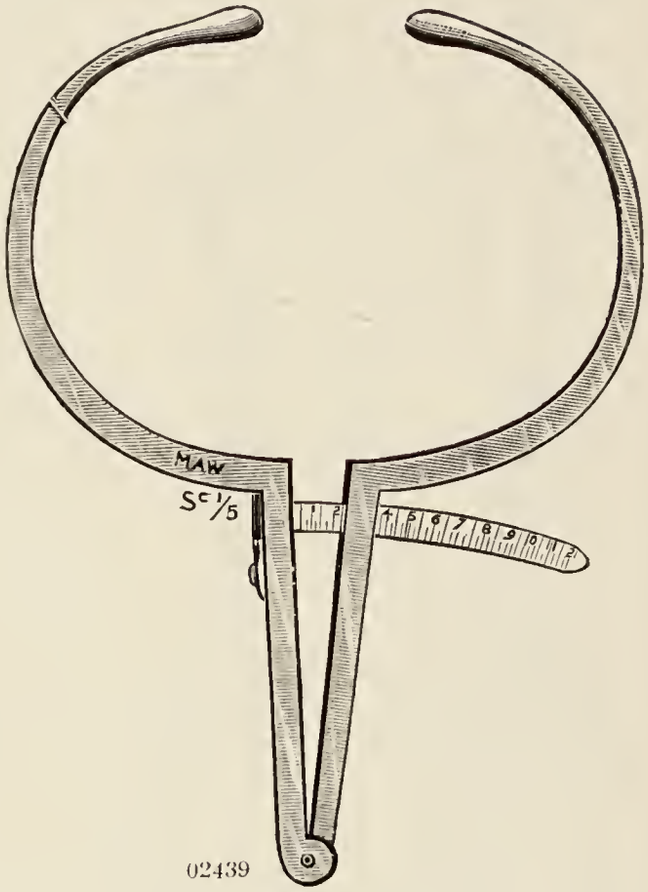
Pelvimeters—

02437	Martin's	0	18	0

Midwifery Instruments—Contd.—

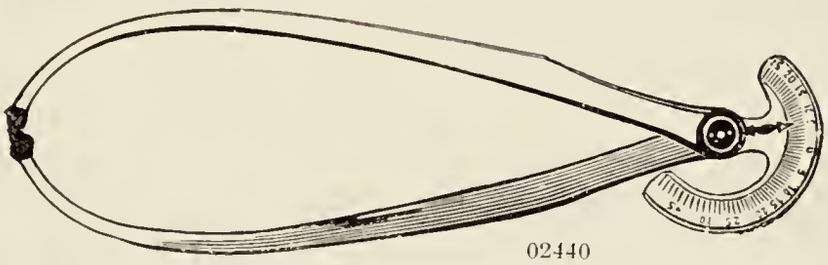


02438



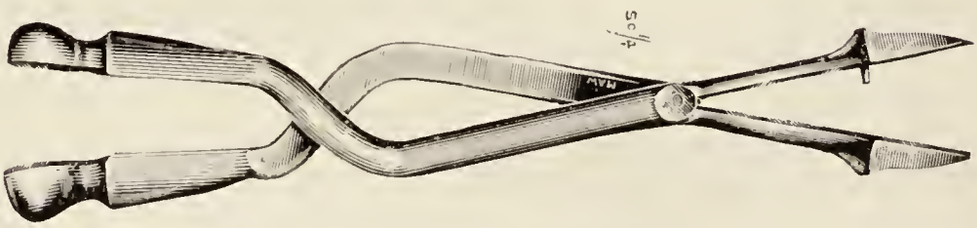
02439

No.	**Pelvimeters—Contd.—**	£	s.	d.
02438	Beus's, for measuring either internal or external diameter ..	1	5	0
02439	Mathews Duncan's	1	2	6

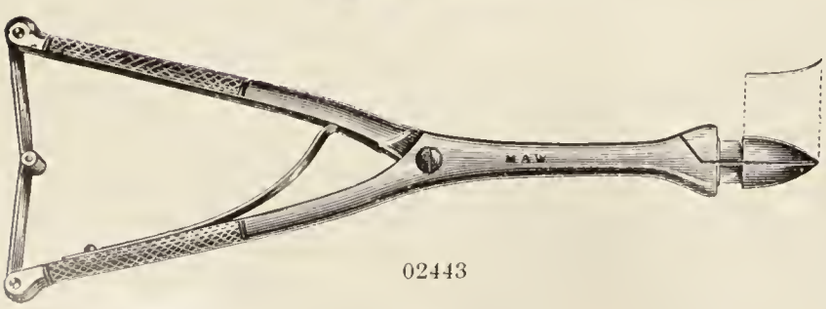


02440

02440	French Model for either internal or external diameter	0	15	6



02442



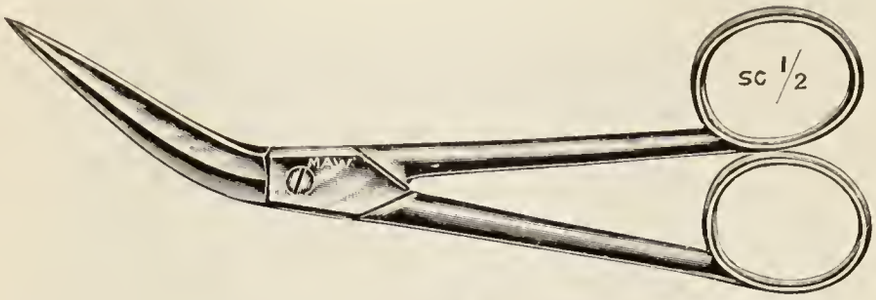
02443

Perforators—

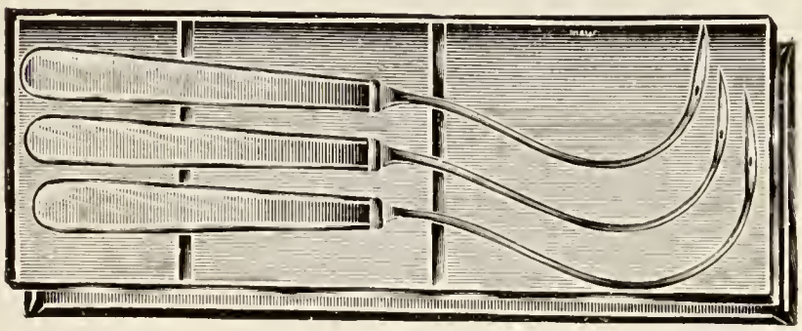
02441	Denman's .. .. .. screw joint, 6/6; disjointing	0	9	6
02442	Oldham's, with metal handles	0	18	0
02443	Simpson's, straight or curved	1	2	0

Midwifery Instruments—Contd.—

02445



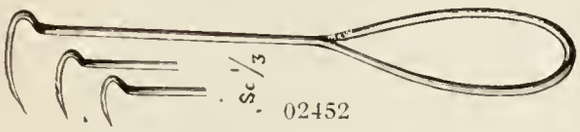
02444



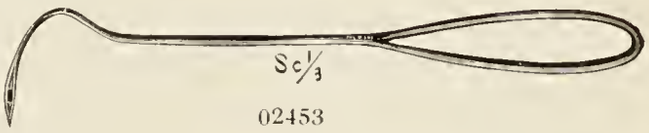
02449

02450

No.		£	s.	d.
02444	**Perineorraphy Scissors,** Victor Bonney's	0	4	0
	Perinæum Needles—			
02445	Baldwin's, solid forged, right and left .. .. .. each	0	5	0
02446	Bonney's, curved, for use with holder .. .. per doz.	0	3	0
02447	Croft's, solid forged, 3 sizes .. .. each	0	5	0
02448	Do. do., in metal case .. .. ,,	0	8	0
02449	Do. do., set of 3 in metal case..	0	18	0
02450	Cullingworth's, solid forged	0	5	0
02451	Do. do., in metal case	0	8	0



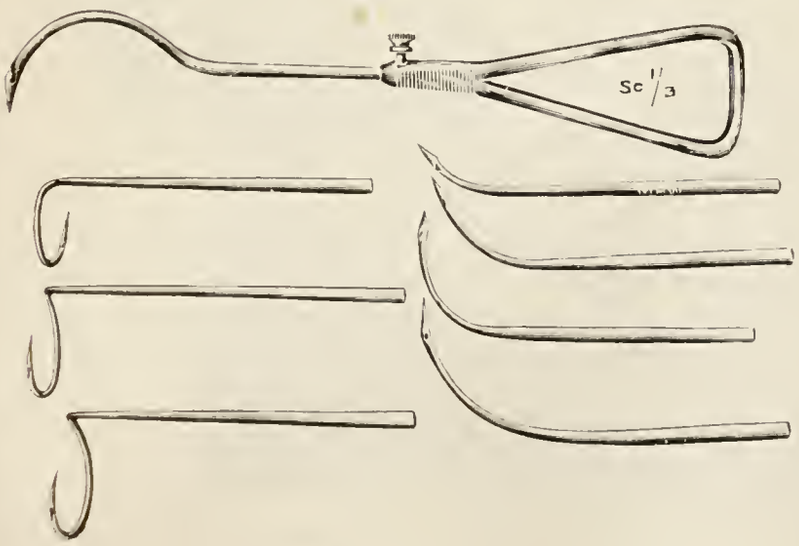
02452



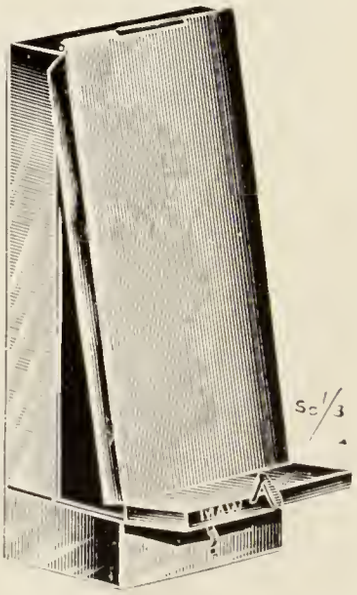
02453

02452	De Mooig's, with slot eye, 3 sizes .. .. each	0	3	0
02453	Queen Charlotte's Hospital pattern..	0	3	0

(*For other Needles in Handles, see pages* 29 *and* 30.)



02454



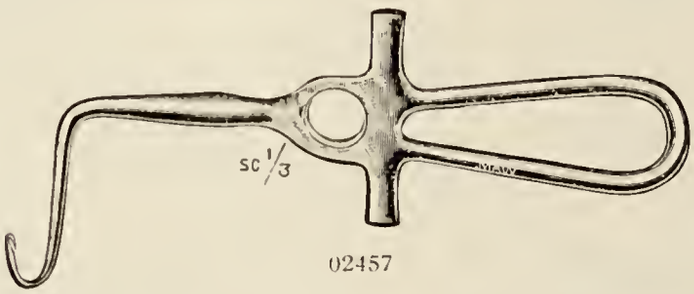
02455

02454	Set of 8, fitting one handle	1	4	0
02455	Do. do., in aluminium case	1	10	0

Midwifery Instruments—Contd.—

02456

No.		£	s.	d.
02456	**Perinæum Set,** Berkeley's, consisting of 6 Bonney's curved needles, dissecting forceps, hypodermic syringe (all glass), Spencer Wells's artery forceps, 4 tubes of sterilised ergot, and silk, in aseptic metal case	1	10	0



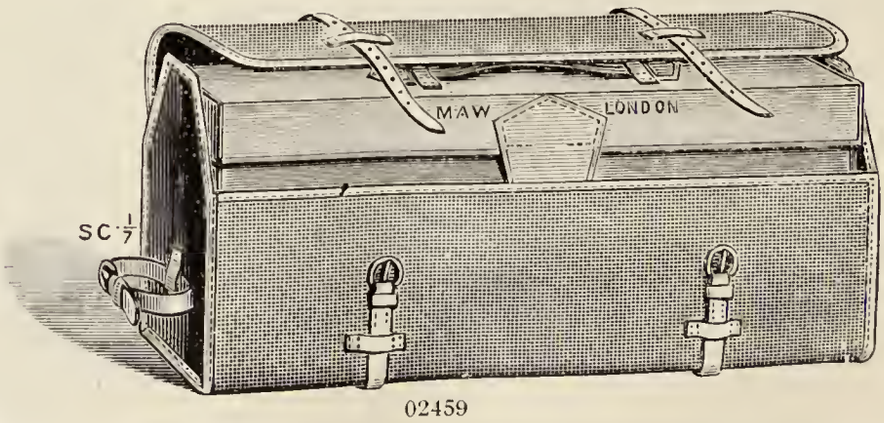
02457

02457	**Pubiotomy Needle,** Döderlein's	0	7	6

02458

02458	**Vectis,** Lever's, in metal handle	0	7	6

MIDWIFERY BAGS AND POUCHES, Etc.

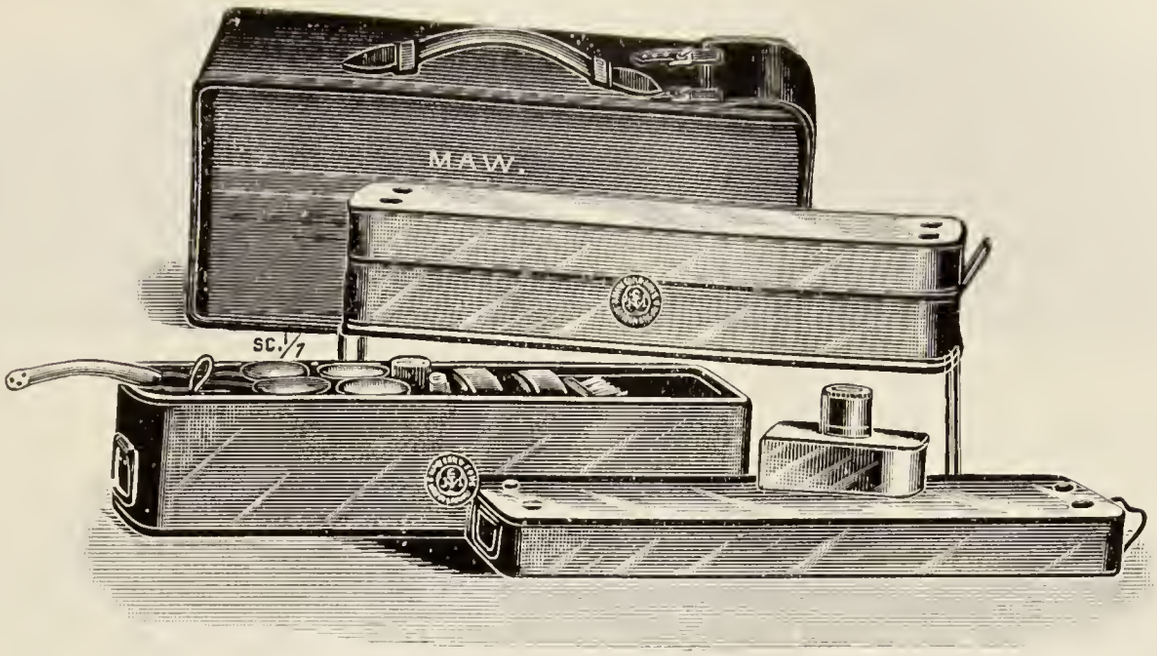


02459

Bags—

02459	Brown leather, with canvas cover, for use on bicycle, 17 in. by 5 in. by 3 in.	1	3	6

Midwifery Bags and Pouches, etc.—Contd.—



02460

No.	Bags—Contd.—	£	s.	d.
02460	Brown canvas, containing aseptic nickel-plated box with divisions for bottles, dressings, etc., etc., and nickel-plated sterilizer for midwifery forceps and other instruments	3	3	0

02461

02461	Berkeley's, bag, brown leather, kit shape, fitted complete ..	9	0	0

CONTENTS:

Metal Case for Vaseline	1	Metal Boxes for tampons, wool, etc.	3
Do. for Soloids	1	Saline Infuser, in metal case with cloth cover	1
Bottles, 1 oz., in metal cases ..	2	Buxton's Chloroform Inhaler ..	1
Do. 2 oz., do. do. ..	2	Buxton's Mask, in cloth case ..	1
Do. wide-mouthed, for perchloride of iron	1	Steriliser, nickel-plated, with lamp and tray..	1
Perinæum set, in metal case ..	1		

02462	Do. do. do., with addition of Budin's glass tube, india-rubber catheter, Bonney's axis traction forceps in sheath, De Ribe's dilating bag in sponge bag, De Ribe's forceps in khaki case, and india-rubber syphon in sponge bag	13	10	0

Midwifery Bags and Pouches, etc.—Contd.—

02463

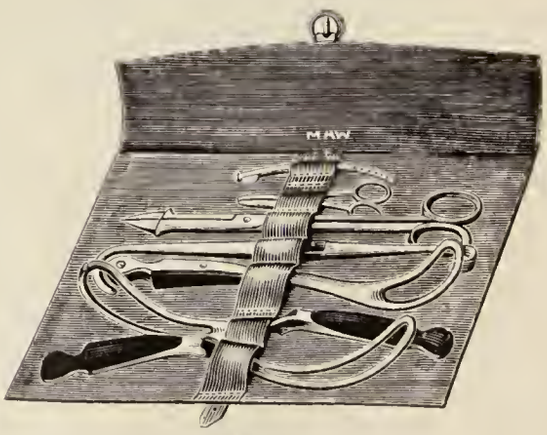
02467

No.	**Bags,** with removable linings—	£	s.	d.
02463	Morocco leather, with gilt engraved fastenings, 17 × 6 × 7 in., 22 -; 16 × 5 × 6 in.	0	19	0
02464	Do. do. with nickel-plated fastenings, 17 × 6 × 9 in. ..	1	6	6
02465	Black cowhide, with nickel-plated fastenings, 16 × 5 × 6 in. ..	0	15	0
02466	Brown cowhide, 17 × 6 × 7 in., 21/-; 16 × 5 × 6 in.	0	16	0
02467	Black cowhide, St. Bartholomew's Hospital pattern, 18 × 6½ × 8 in.	0	18	6
02468	Do. do., fitted complete, as supplied to midwifery students at St. Bartholomew's Hospital	1	15	0

02469

02469 Black cowhide, with nickel-plated fastenings and compartment beneath for steriliser, 18 × 6 × 12 in. 1 19 0

02470



02471

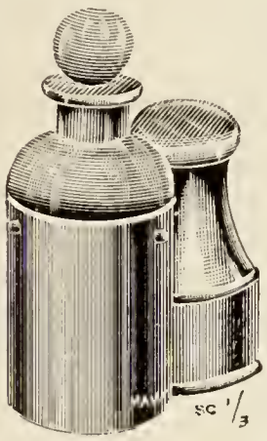
02470 Kit shape (empty), with nickel-plated fastenings and removable lining, brown or black cowhide, size 16 × 8 × 10 in. .. 1 16 0

Midwifery Bags and Pouches, etc.—Contd.—

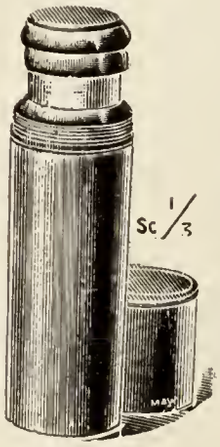
No.		£	s.	d.
	Pouches, leather (empty)—			
02471	Seven hole	0	10	0
02472	Fifteen hole	1	2	6
02473	**Pouches,** khaki, for midwifery forceps .. .. each	0	3	0
02474	**The "York Road" Midwives' Bag** (approved by the Midwives' Board), complete with fittings	2	17	6

(*For illustration and list of contents see page* 643).

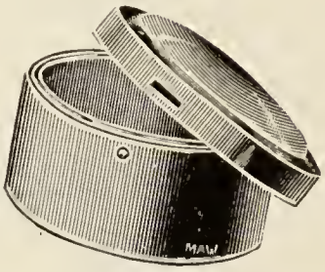
02475



02476



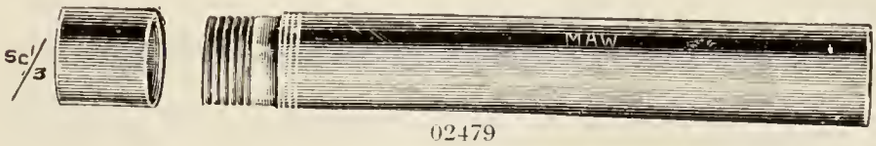
02477



02480

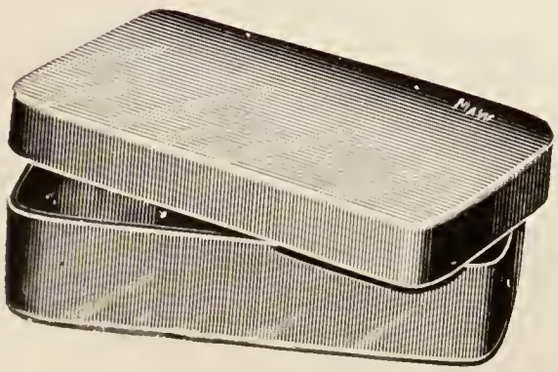
Fittings for Midwifery Bags, etc.—

02475	Drop Bottle, in screw metal case	0	5	6
02476	Stoppered Bottle, 2 oz., in metal case with bayonet catch ..	0	2	0
02477	Nickel-plated Tube, with bottle containing 25 soloids (B. W. & Co.), for antiseptic solutions	0	4	0
02478	Nickel-plated Tube, containing a collapsable tube of vaseline ..	0	4	3

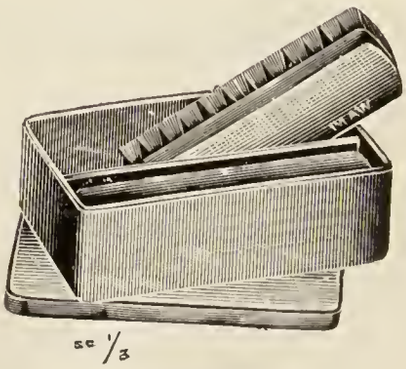


02479

02479	Nickel-plated Tube to contain a tube of sterilised ligatures (see page 531)	0	2	0
02480	Ointment Pot, nickel-plated, with glass lining, single, **1/6**; double	0	2	6



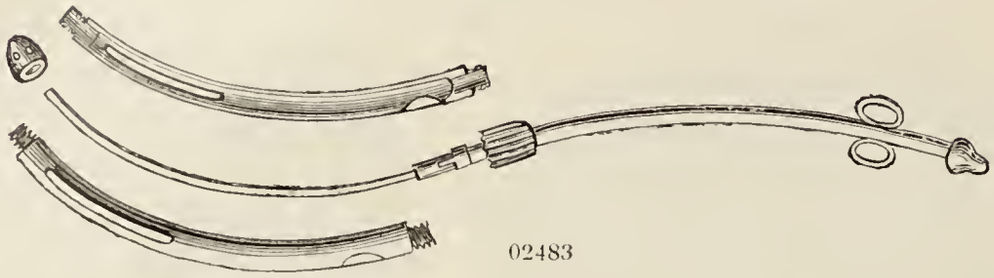
02481



02482

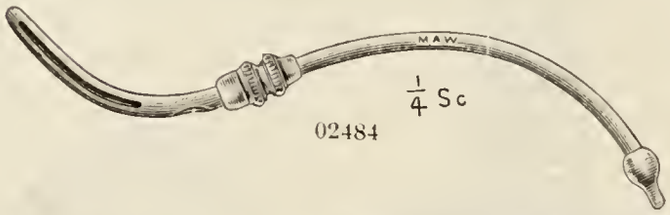
02481	Nickel-plated Box for tampons, wool, gauze, etc., 5 in. by 3 in. ..	0	2	3
02482	Nickel-plated Box, fitted with nail brush and carbolic soap ..	0	2	0

UTERINE AND VAGINAL INSTRUMENTS.

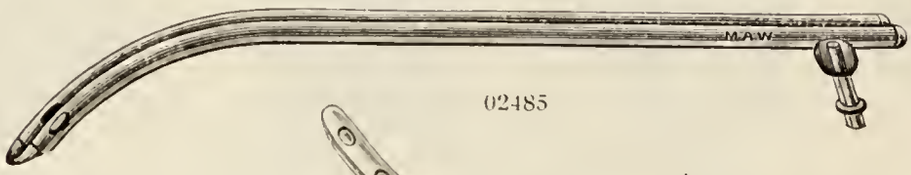


02483

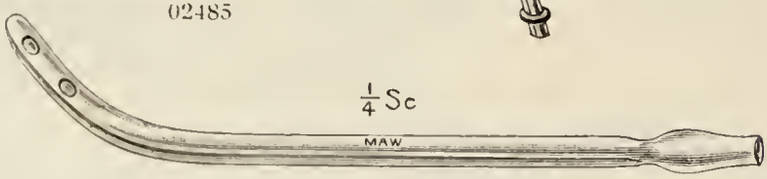
No.		£	s.	d.
	Catheters or Tubes, for douching the Uterus—			
02483	Bozemann-Fritsch's, nickel-plated, constructed in four pieces, to take apart for cleaning, 2 sizes .. ..each, **4/6** and	0	6	0



02484

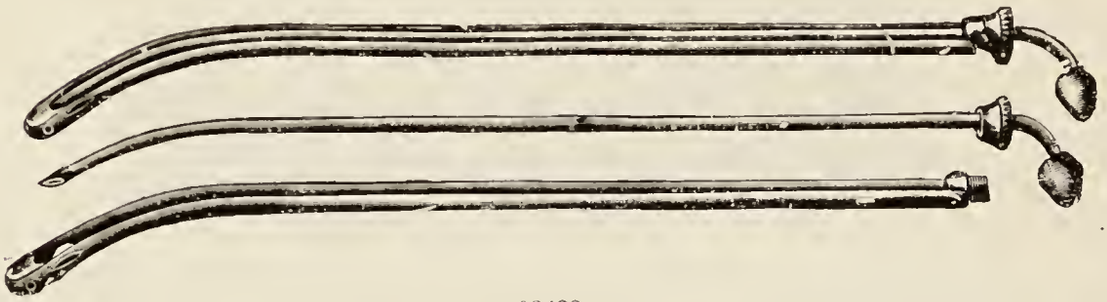


02485



02486

02484	Bozemann's, celluloid, transparent	0	4	6
02485	Budin's, celluloid, transparent, with groove for return flow ..	0	4	6
02486	Do. glass	0	1	0
02487	Do. malleable metal	0	3	0

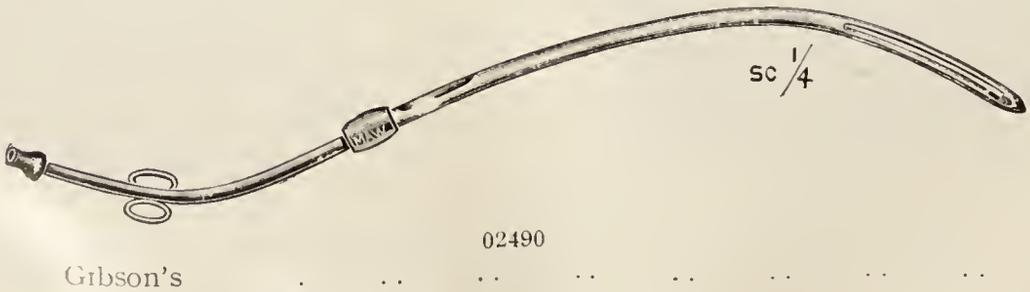


02488

02488	Budin's, nickel-plated, improved pattern, with central portion made to detach for cleansing	0	5	0

02489

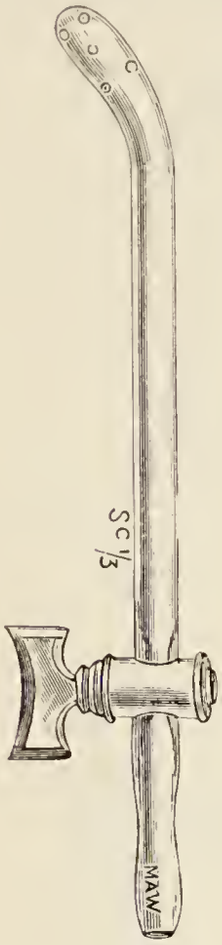
02489	Doleris's, metal, for dilating, with screw adjustment and stop-cock	0	7	6



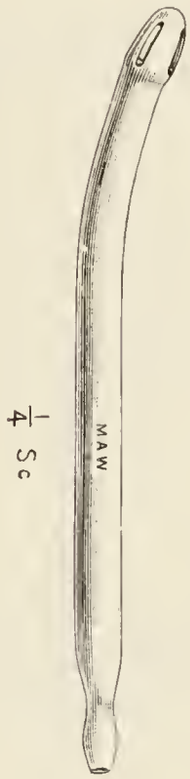
02490

02490	Gibson's	0	9	0

Uterine and Vaginal Instruments—Contd.—



02491

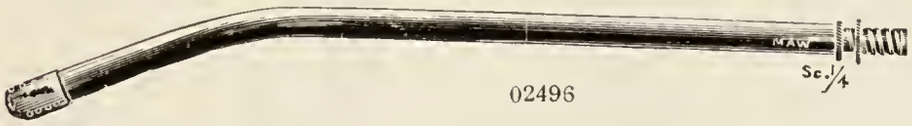


02492

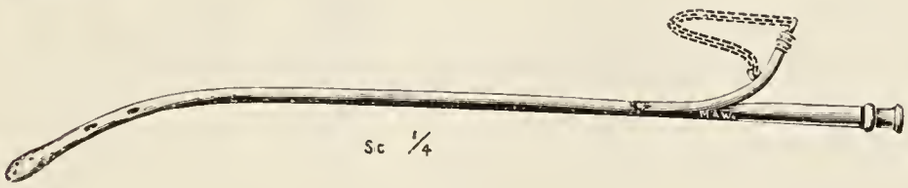
02493

02494

No.	**Catheters and Tubes,** for douching the Uterus—**Contd.**—	£	s.	d.
02491	Glass, curved, with stopcock	0	1	0
02492	Do. Fenton's, with slit openings	0	0	6
02493	Do. Hewitt's, with grooves for return flow	0	0	9
02494	Do. Queen Charlotte's Hospital pattern..	0	0	8
02495	Malleable Metal, Queen Charlotte's Hospital pattern	0	3	6



02496



02497

02496	Hayes's, metal, with detachable end	0	3	6
02497	Ostlere's, double channel	0	13	6

02498

02498	Three-way pipe, nickel-plated	0	2	0

02499

02499	"Simplex" model to take apart	0	4	6
02500	Brushes for cleaning uterine tubes.. .. .. per doz.	0	0	6

Uterine and Vaginal Instruments—Contd.—

02501

No.	**Catheters or Tubes,** for douching the Uterus—**Contd.**—	£	s.	d.
02501	Weinhold's, nickel-plated, constructed in three pieces to take apart for cleaning	0	7	6

02502

02502	**Caustic Holder,** Barnes's, for introducing sulphate of zinc points ..	0	7	6

02503

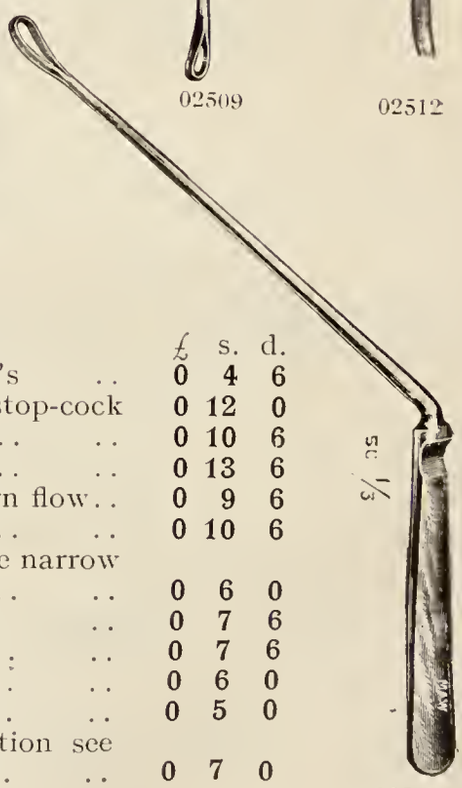
02504

02507

02508

02509

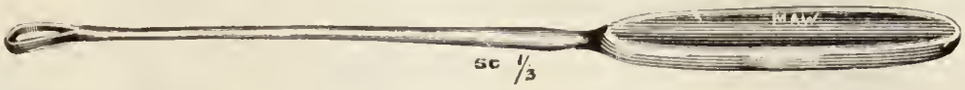
02512



02513

	Curettes—	£	s.	d.
02503	Blunt or sharp, for flushing, Rheinstadter's ..	0	4	6
02504	Chelsea Hospital Model, for flushing, with stop-cock	0	12	0
02505	Do. do., without stop-cock.. ..	0	10	6
02506	Dunn's (for illustration see page 145)..	0	13	6
02507	Donald's, for flushing, with groove for return flow..	0	9	6
02508	Dutch's, for flushing	0	10	6
02509	Gervis-Sims's, sharp, with one broad and one narrow end	0	6	0
02510	Herman's, curved, 3 sizes, $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in. ..	0	7	6
02511	Horrock's, narrow, blunt	0	7	6
02512	Martin's (Recamier-Roux)	0	6	0
02513	New Hospital for Women model, angular	0	5	0
02514	Simon's, sharp spoon, 3 sizes (for illustration see page 237)	0	7	0

Uterine and Vaginal Instruments—Contd.—



02515

Curettes—Contd.—

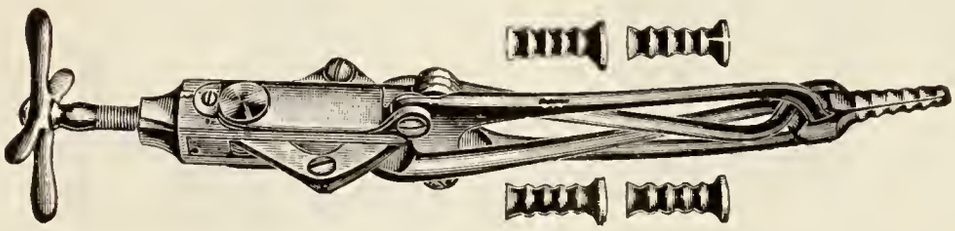
No.		£	s.	d.
02515	Sims's, sharp, 3 sizes, $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in. .. .. .. each	0	5	6
02516	Do. blunt .. .. ,,	0	5	6

02517

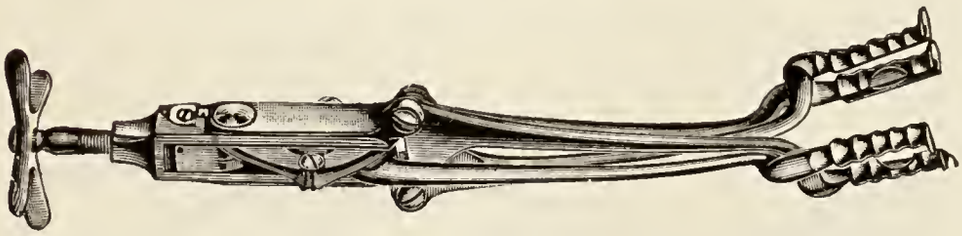
02517 Thomas's, blunt, with pliable stem, 3 sizes, $\frac{1}{4}$ in., $\frac{3}{8}$ in. and $\frac{1}{2}$ in. each 0 5 6

02518

02518 Thomas's, blunt, pliable, and Sims's, sharp, combined 0 6 0



02519 (Closed).



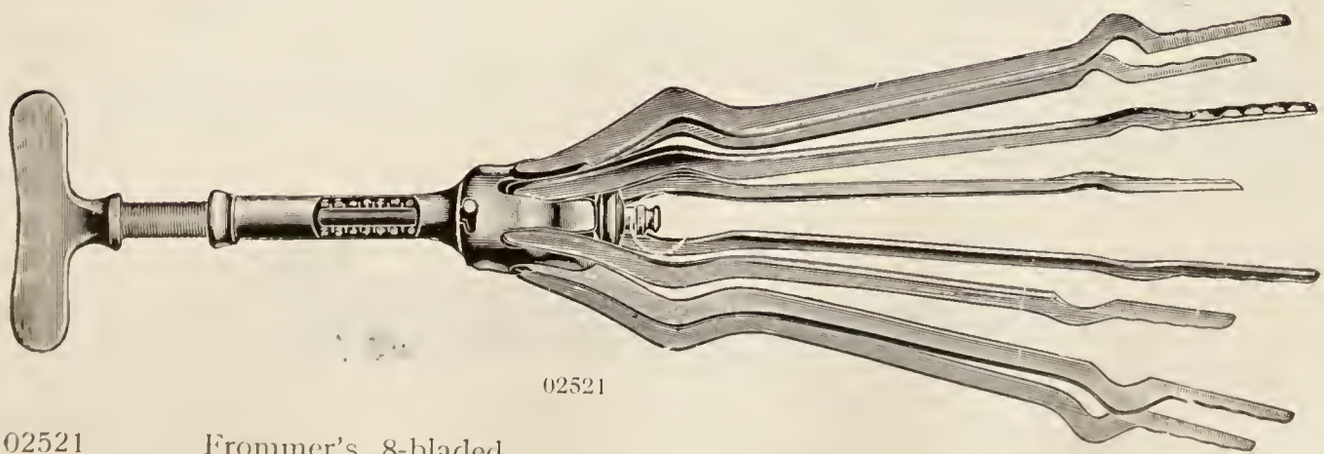
02519 (Open).

Dilators, for rapid dilatation—

02519 Bossi's 4 4 0

02520

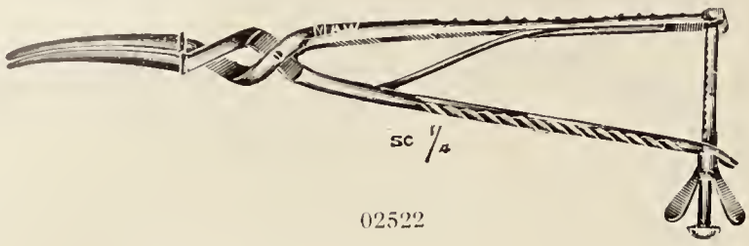
02520 De Pace's 2 5 0



02521

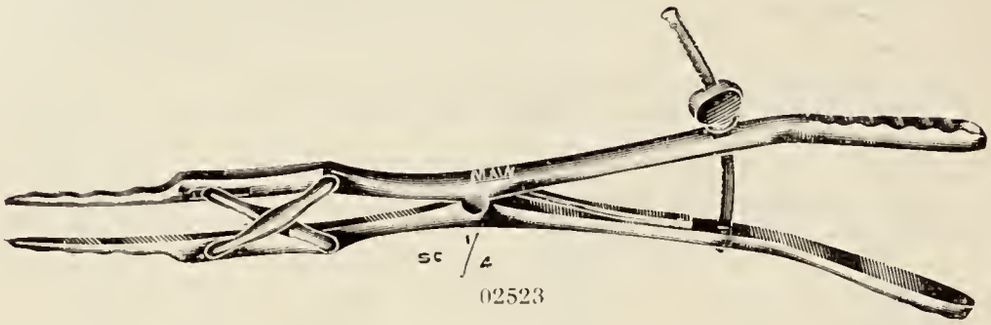
02521 Frommer's, 8-bladed 2 10 0

Uterine and Vaginal Instruments—Contd.—



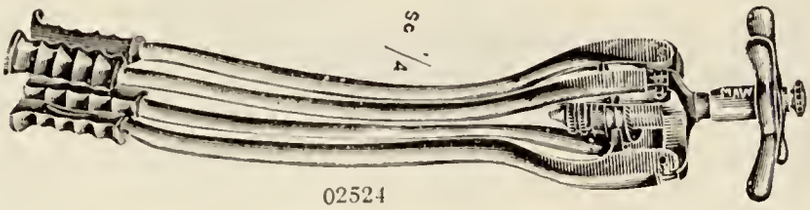
02522

No.	**Dilators,** for rapid dilatation—**Contd.**—	£	s.	d.
02522	Gardner's	0	19	0



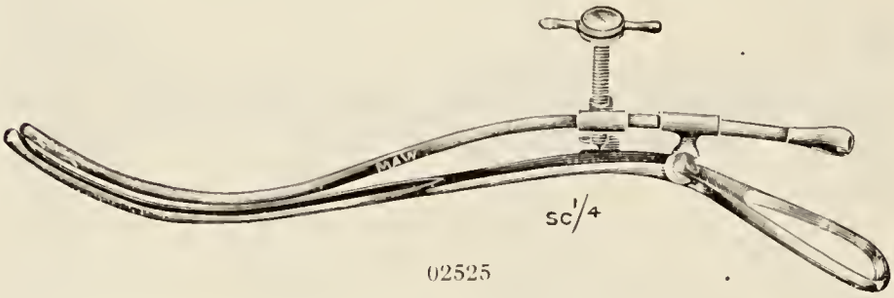
02523

02523	Goodell's, to take apart	1	2	6



02524

02524	Preiss's	3	7	6

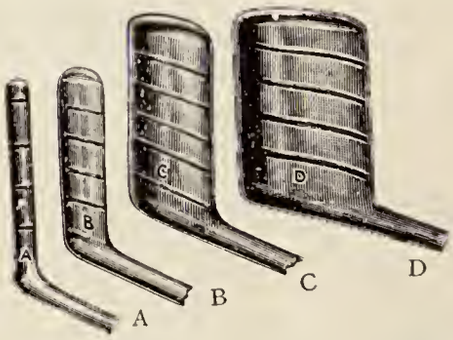


02525

02525	Reverdin's, for flushing and dilating simultaneously	0	14	6

Closed.

Open.—02526.



Actual Sizes.—02527.

02526	Seigneux's	3	3	0
02527	Spare set of blades, either A, B, C or D .. ..per set	1	0	0

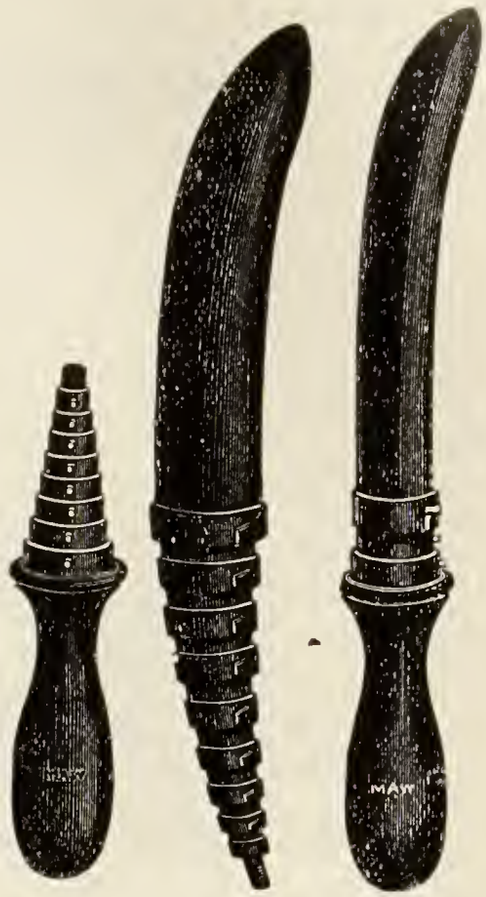
02528

02528	Sims's, 3-bladed	1	14	0

Uterine and Vaginal Instruments—Contd.—

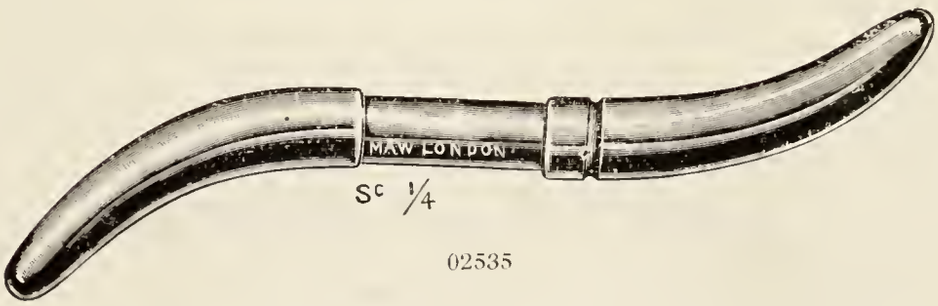
02529

02531



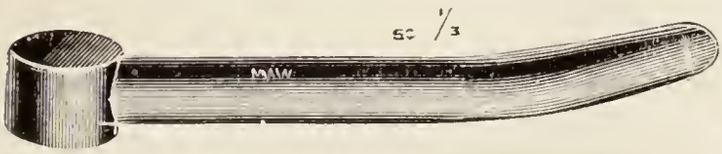
02532

No.	**Dilators,** for gradual dilatation—	£	s.	d.
02529	Auvard's, nickel-plated, in sets of 12, nested .. .. per set	1	5	0
02530	Boxall's, vulcanite, set of 25 sizes in case	2	10	0
02531	Do. do., ... each, 1-17, 1/9; 18-25	0	2	6
02532	Godson's, vulcanite, nested, set of 12 in card box	3	3	0
02533	Galabin's, steel, conical, 3 sizes .. .. each	0	4	6
02534	Do. do., set of 3 in case	0	18	0

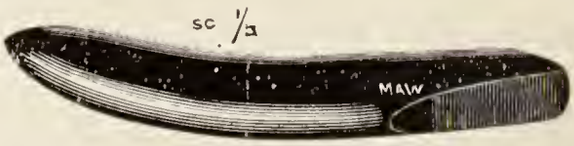


02535

02535	Fenton's, double ended, metal, 12 sizes .. each, $\frac{3}{4}$, $\frac{5}{6}$, $\frac{7}{8}$, 5/-; $\frac{9}{10}$, $\frac{11}{12}$, $\frac{13}{14}$, 6/-; $\frac{15}{16}$, $\frac{17}{18}$, $\frac{19}{20}$, 8/-; $\frac{21}{22}$, $\frac{23}{24}$, $\frac{25}{26}$	0	9	6
02536	Do. do., set of 12 in case	4	7	6
02537	Do. do., set of 6 in case	2	4	0



02538



02542

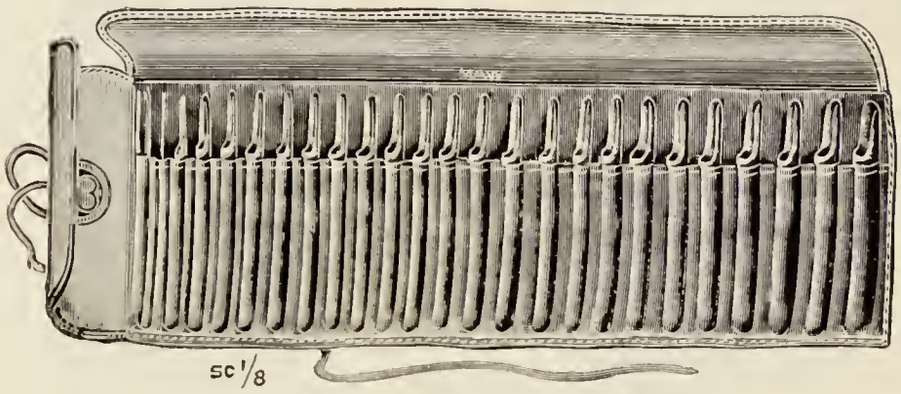
02538	Hawkins-Ambler's, conical, metal, 16 sizes, $\frac{3}{6}$ to $\frac{18}{21}$ .. each	0	4	0
02539	Do. do., set of 16 in aseptic metal case	5	0	0
02540	Hegar's, vulcanite, best quality, 25 sizes .. .. .. each	0	1	8
02541	Do. do., set of 25 in leather-covered case	2	7	6
02542	Do. do., "B" quality, 25 sizes .. .. .. each	0	1	6
02543	Do. do., do., set of 25 in case	1	16	0
02544	Do. metal, set of 14 in aseptic metal case	2	0	0
02545	Do. do., set of 25 in leather-covered case	2	10	0

Uterine and Vaginal Instruments—Contd.—

02546

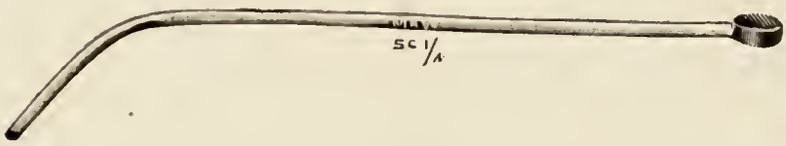
Dilators, for gradual dilatation—**Contd.—**

No.		£	s.	d.
02546	Hegar's, metal, double-ended, each, 3-6, 2/- ; 7-12, 3/- ; 13-20, 4/- ; 21-26	0	4	6
02547	Do. do. do., set of 12 in aseptic metal case ..	2	5	0
02548	Do. do. do., do. 8 do. do. ..	1	14	0



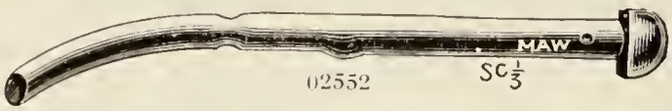
02549

02549	Hegar's, metal, single, set of 25 in roll-up khaki drill case ..	2	4	0
02550	Do. do. do., set of 16 in roll-up khaki drill case ..	1	10	0



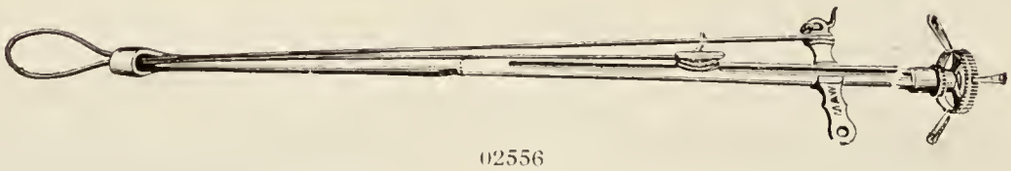
02551

02551	Mathews Duncan's, for cervical canal, set of 12 sizes in leather-covered case .. .. each	2	8	0



02552

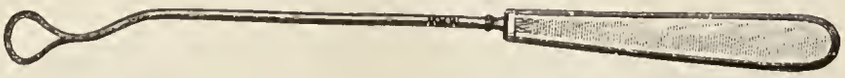
02552	Ramsay's, hollow, 16 sizes, 3/6 to 18/21 .. .. each	0	4	6
02553	Do. do., set of 16 sizes in leather case	3	7	6
02554	Do. do., set of 16 sizes in metal case	4	12	6



02556

Ecraseurs—

02555	Heywood Smith's	1	17	6
02556	Hicks's	1	16	0

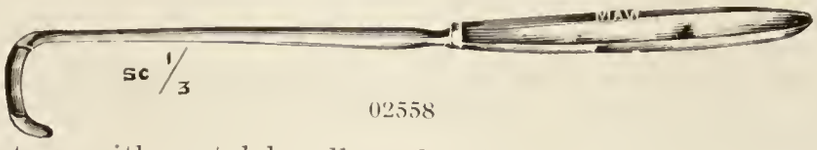


02557

Enucleators, with metal handles—

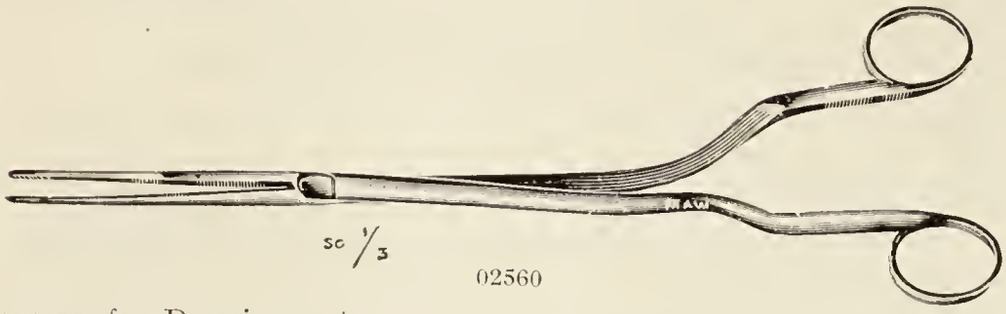
02557	Sims's, with loop end..	0	6	0

Uterine and Vaginal Instruments—Contd.—



02558

No.	**Enucleators,** with metal handles—**Contd.**—	£	s.	d.
02558	Sims's, with sickle shape end for cutting	0	7	0



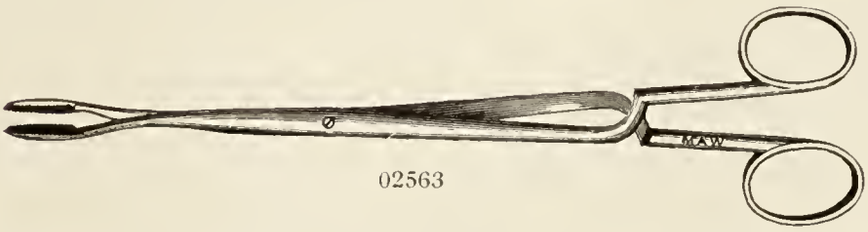
02560

Forceps, for Dressings, etc.—

02559	Abel's (Rotunda Hospital pattern)	0	9	0
02560	Bantock's, disjointing	0	9	0

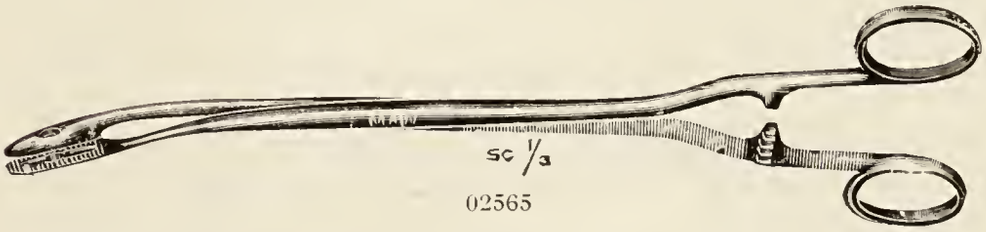
02561

02561	Bozemann's	0	11	0
02562	Do. disjointing	0	13	0



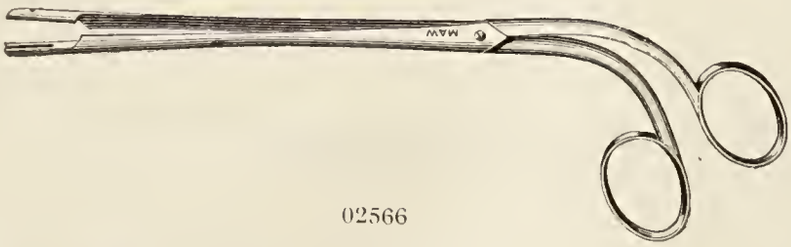
02563

02563	Cross action, straight	0	7	0
02564	Do. do., disjointing	0	9	0



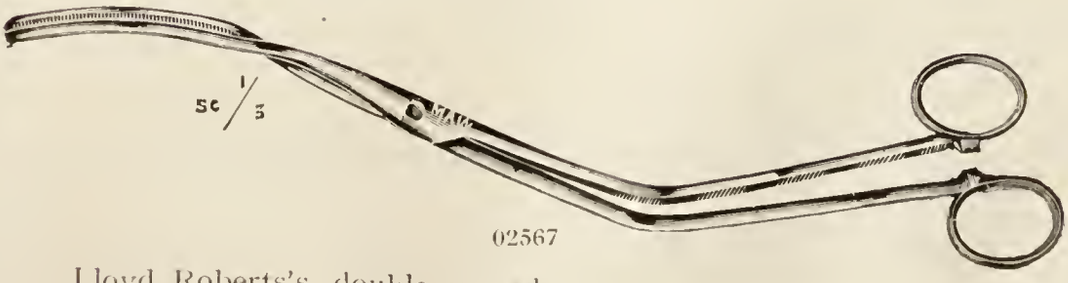
02565

02565	Curved on flat	0	9	0



02566

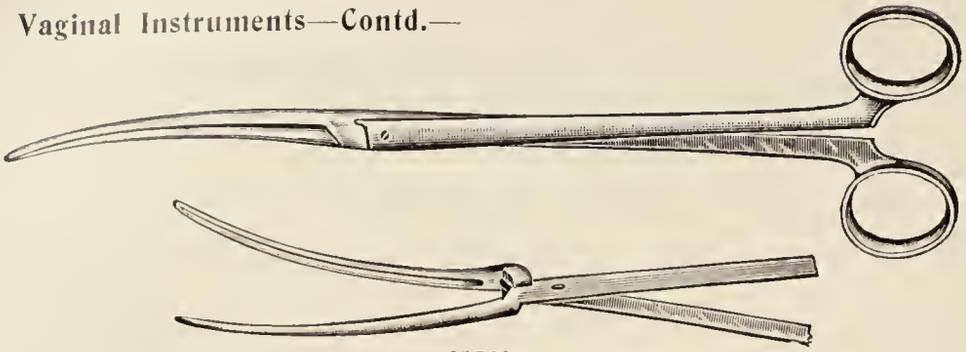
02566	Curved shanks, for applying caustic, etc.	0	7	6



02567

02567	Lloyd Roberts's, double curved	0	10	6

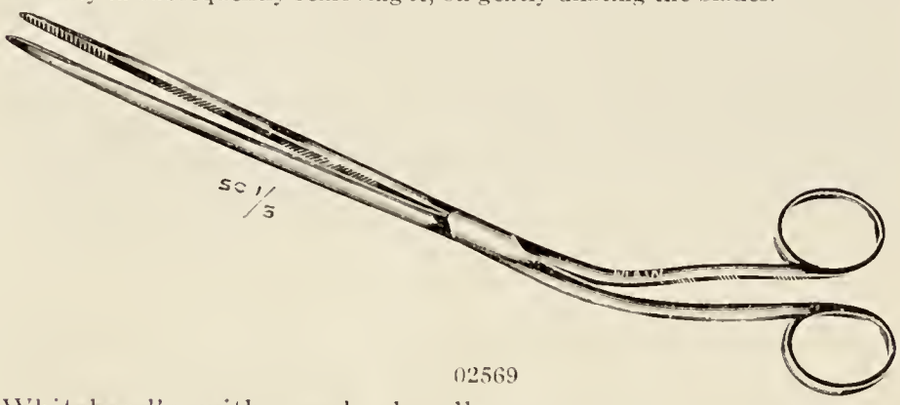
Uterine and Vaginal Instruments—Contd.—



02568

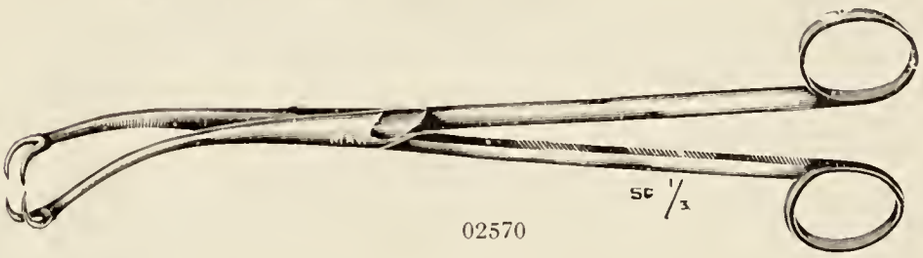
No.	**Forceps,** for Dressings, etc.—Contd.—	£	s.	d.
02568	Macnamara's "Forceps-Applicator"	0	11	6

As will be seen from the illustration, one of the blades is a plain conical probe, with the usual uterine curve, and is accurately received into the second blade, which is concave, and about 3 mm. longer than its fellow, terminating in a blunt end. When tightly closed the instrument is not much thicker than an ordinary Playfair's Probe, and when a piece of cotton wool is grasped between the blades and firmly wound round both, there is no danger of leaving it in utero, and very little difficulty in subsequently removing it, on gently dilating the blades.

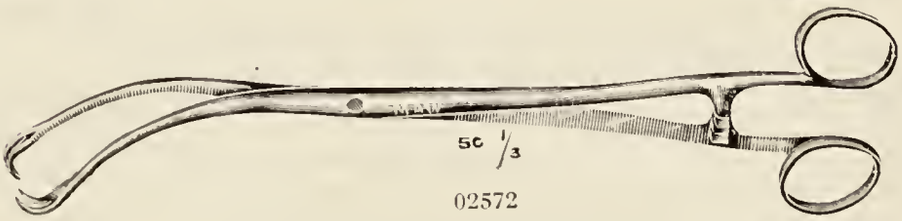


02569

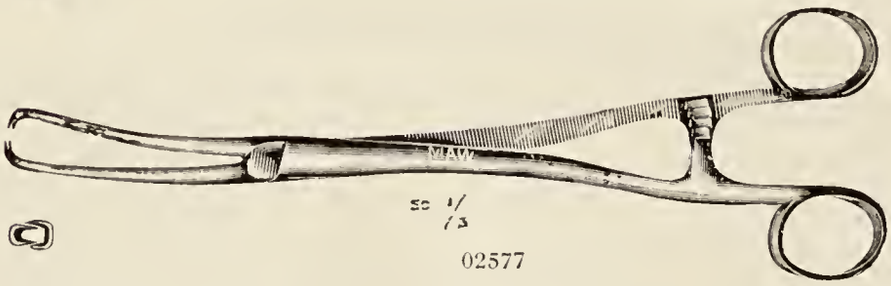
02569	Whitehead's, with angular handles	0	6	9



02570



02572

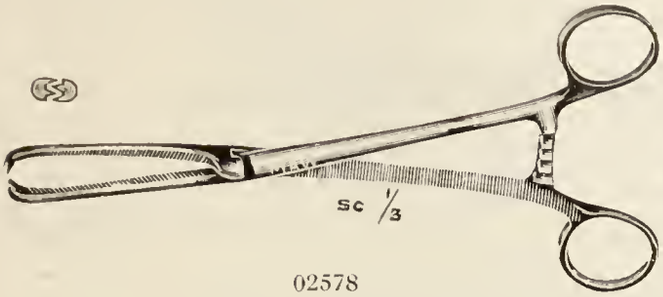


02577

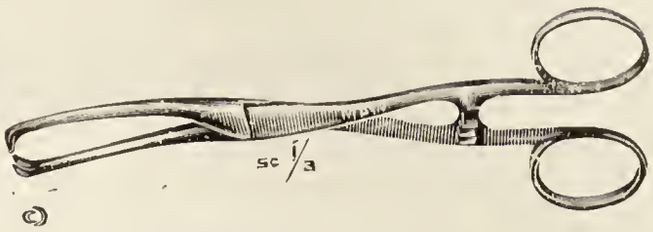
Forceps, Volsellum—

02570	Curved, disjointing	0	9	0
02571	Do. with screw joint	0	7	0
02572	Do. with rack, screw joint	0	9	0
02573	Do. do., disjointing	0	11	0
02574	Curling's	0	12	0
02575	Champney's	0	13	6
02576	Do. disjointing	0	15	6
02577	Drummond Robinson's, disjointing	0	11	6

Uterine and Vaginal Instruments—Contd.—



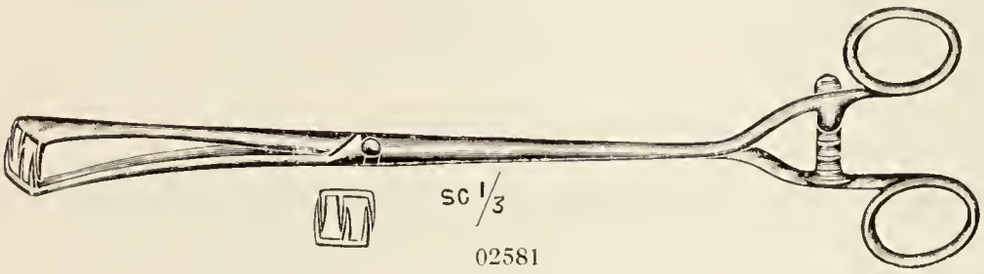
02578



02580

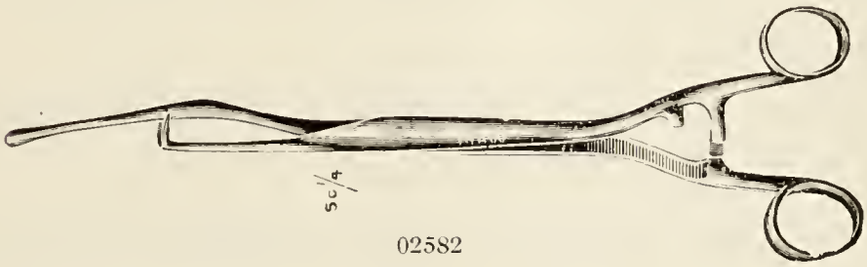
Forceps, Volsellum—Contd.—

No.		£	s.	d.
02578	Doyen's, disjointing	0	10	6
02579	Jordan Lloyd's, disjointing	0	12	6
02580	Lewer's (Chelsea Hospital pattern), disjointing, **10/-** ; screw joint	0	8	6



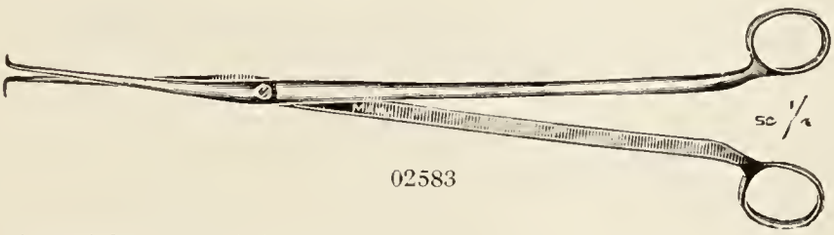
02581

02581	Kelly's	0	15	0



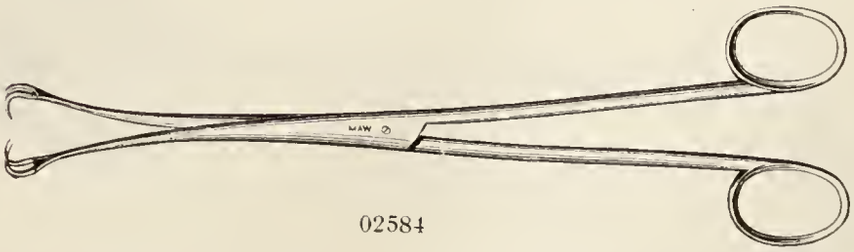
02582

02582	Martin Orthman's	0	19	6



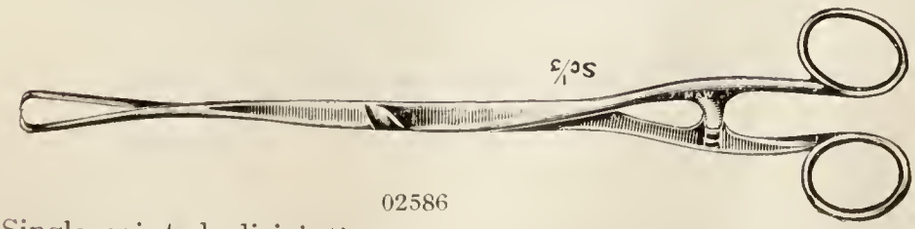
02583

02583	Sims's, with screw joint	0	10	0



02584

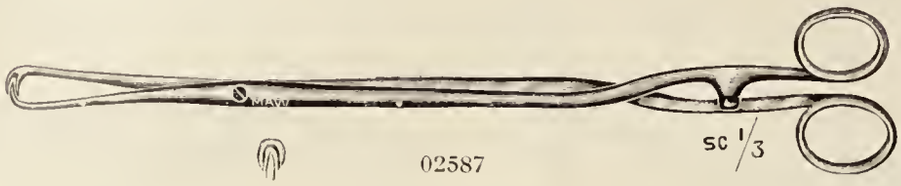
02584	Straight, with screw joint	0	7	0
02585	Do. disjointing	0	9	0



02586

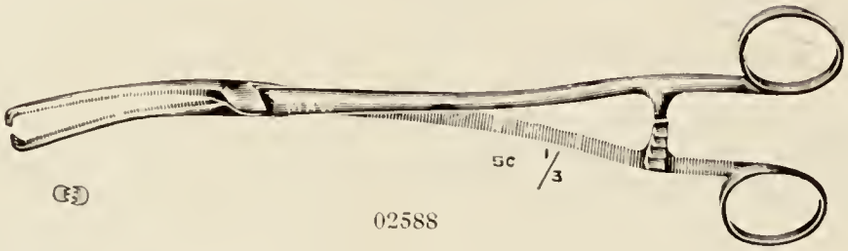
02586	Single pointed, disjointing	0	10	0

Uterine and Vaginal Instruments—Contd.—



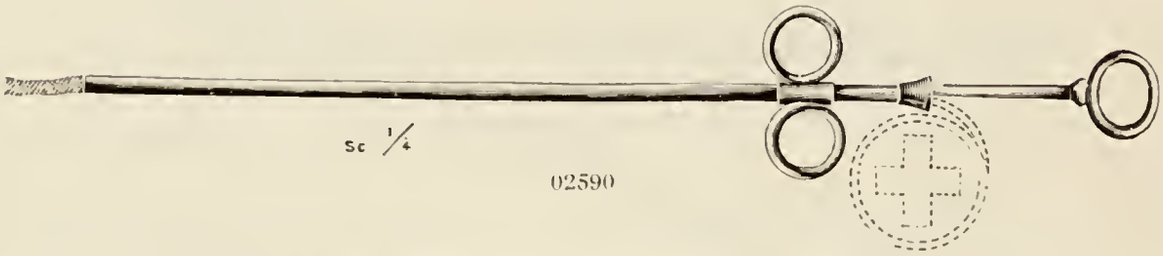
02587

No.	**Forceps, Volsellum—Contd.—**	£	s.	d.
02587	Straight, 2 points to 1, screw joint	0	9	0



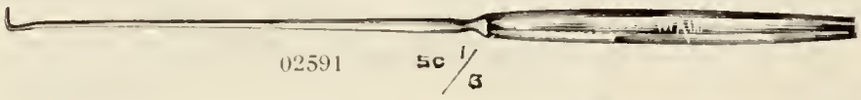
02588

02588	Teale's, curved, disjointing	0	10	0
02589	Do. straight, disjointing	0	10	0

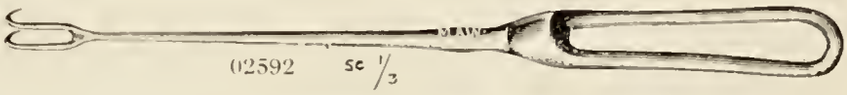


02590

02590	**Gauze Plugger,** nickel-plated	0	2	6



02591 SC 1/3

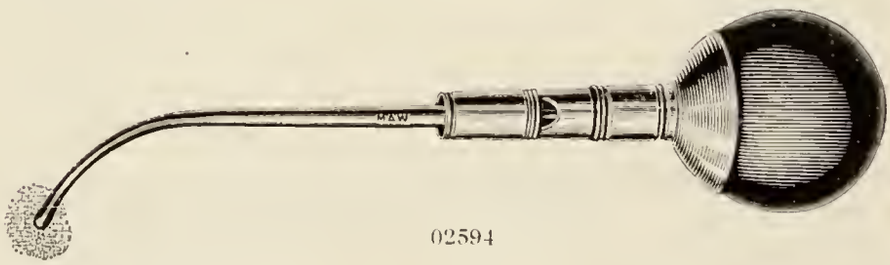


02592 SC 1/3

SC 1/3 02593

Hook, etc., for drawing down the Cervix—

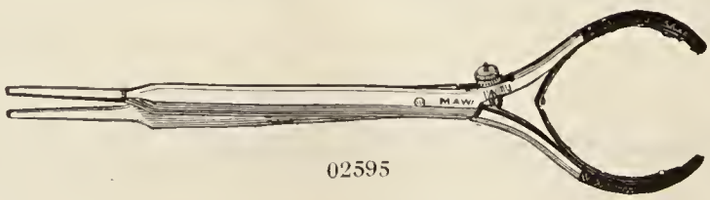
02591	Emmett's, rectangular, also used by Kelly	0	5	0
02592	Sims's, double	0	5	6
02593	Do. single	0	4	6



02594

02594	**Insufflator,** Clay's, metal	0	10	6

(*For other Insufflators, see pages* 626 *and* 627.)

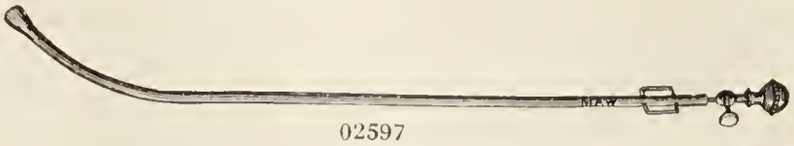


02595

Metrotomes—

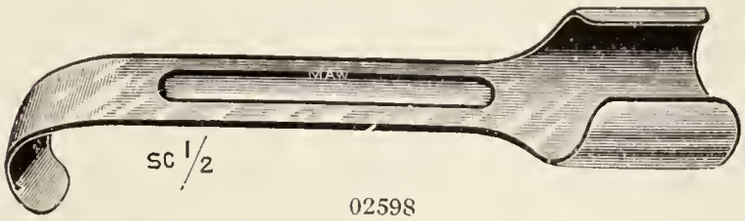
02595	Savage's	1	10	0
02596	Simpson's, guarded	1	5	0

Uterine and Vaginal Instruments—Contd.—



02597

No.		£	s.	d.
02597	**Ointment Introducer,** Barnes's	0	8	0



02598

02598	**Pessary Introducer,** Spriggs's, for watch spring pessaries	0	2	3

02599

02600

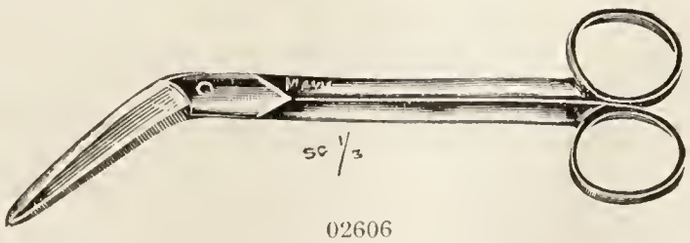
02601

02602

02604

Probes—

02599	Cork-screw end, for cotton wool	0	5	0
02600	Longfield's, spiral, aluminium	0	2	0
02601	Playfair's, aluminium, with metal handle	0	1	6
02602	Do. do., with long stem and aluminium handle ..	0	2	0
02603	Do. do., do., "B" quality	0	1	0
02604	Playfair's improved (patent) with split end which securely holds the wool, and permits of easy removal	0	4	0
02605	**Scarifying Knife,** with silver cap and metal handle	0	6	6

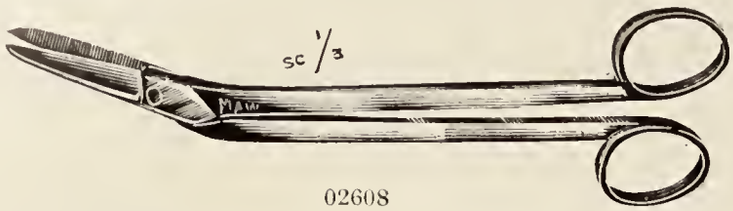


02606

Scissors, nickel-plated—

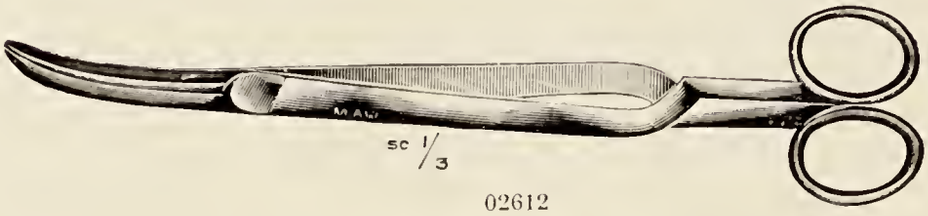
02606	Angular, screw joint	0	6	0
02607	Do. disjointing	0	8	6

Uterine and Vaginal Instruments—Contd.—



02608

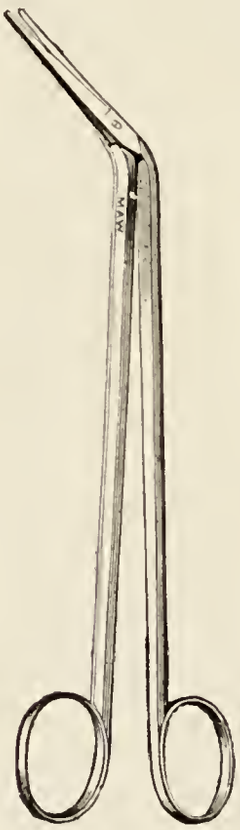
No.	Scissors—Contd.—	£	s.	d.
02608	Angle on flat, screw joint	0	6	0
02609	Do. disjointing	0	8	6
02610	Curved on flat, 8 in., screw joint	0	8	0
02611	Do. do., disjointing	0	10	6



02612

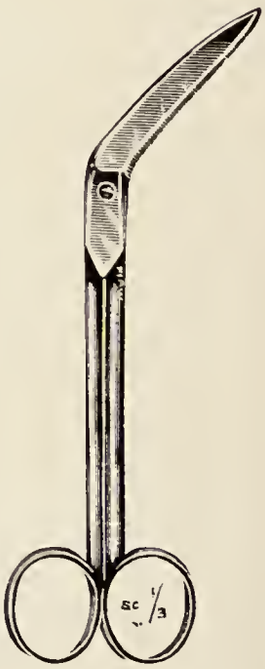
02612	Curved on flat, cross action, disjointing, 10 in...	0	10	6

02613



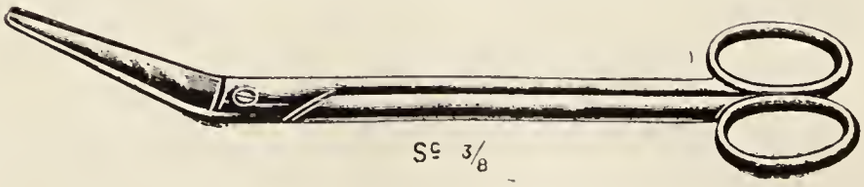
02614

02615



02616

02613	Light model, curved on flat, 9½ in., screw joint, 9/- ; disjointing	0	11	6
02614	Do. angle on flat, 8 in.	0	5	6
02615	Emmett's, curved on flat, short blades, 8½ in.	0	6	6
02616	Do. curved on flat and elbowed, right or left, 7½ in. each	0	7	6



02617

02617	Mayo's, angle on flat, 7½ in...	0	8	6
02618	Straight, round-pointed, 8 in., screw joint	0	4	6
02619	Do. do. do., disjointing	0	7	0

Uterine and Vaginal Instruments—Contd.—

02620

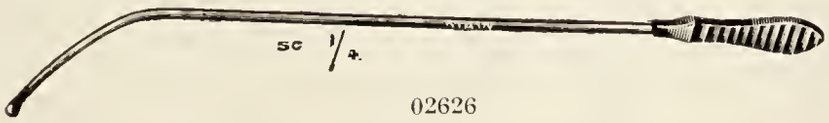
02621

02622

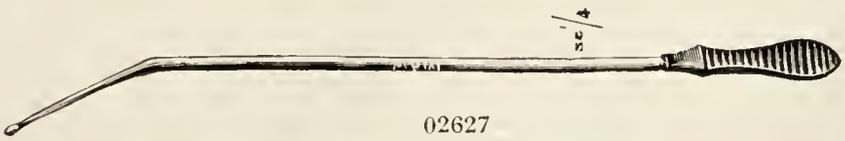
02624

02625

No.	Sounds—	£	s.	d.
02620	Aveling's	0	3	6
02621	Galabin's, improved	0	4	6
02622	Hopkins Walters's	0	5	6
02623	Horrocks's	0	4	6
02624	Mathews Duncan's	0	4	6
02625	Russell Simpson's	0	4	6

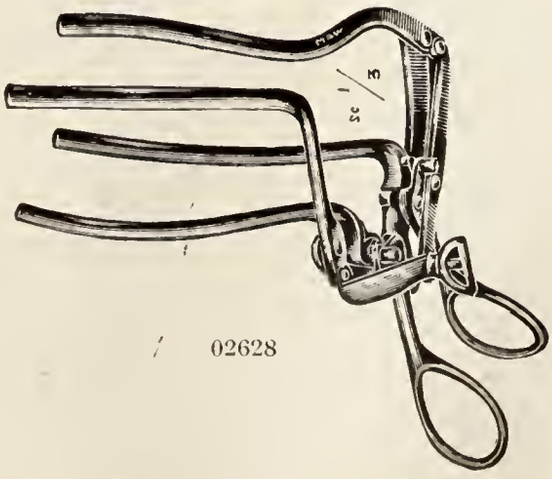


02626



02627

02626	Sims's	0	4	0
02627	Simpson's	0	4	0

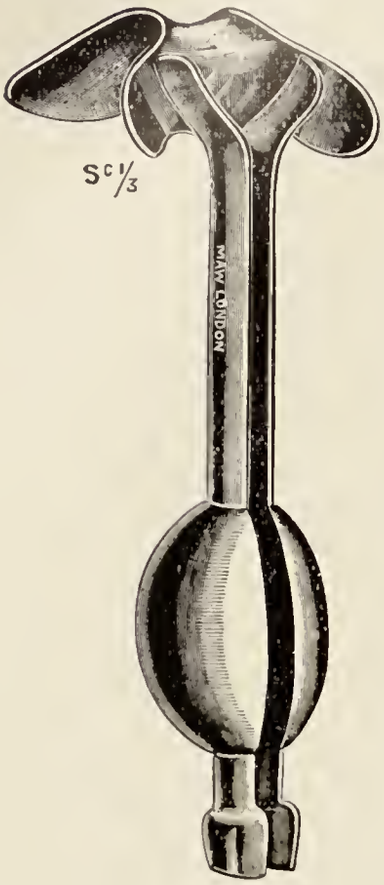


02628

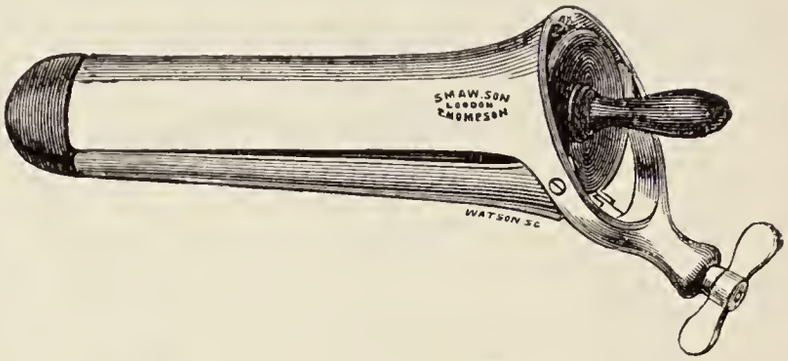
Specula—

02628	Allingham's, 4-bladed	2	7	6

Uterine and Vaginal Instruments—Contd.—



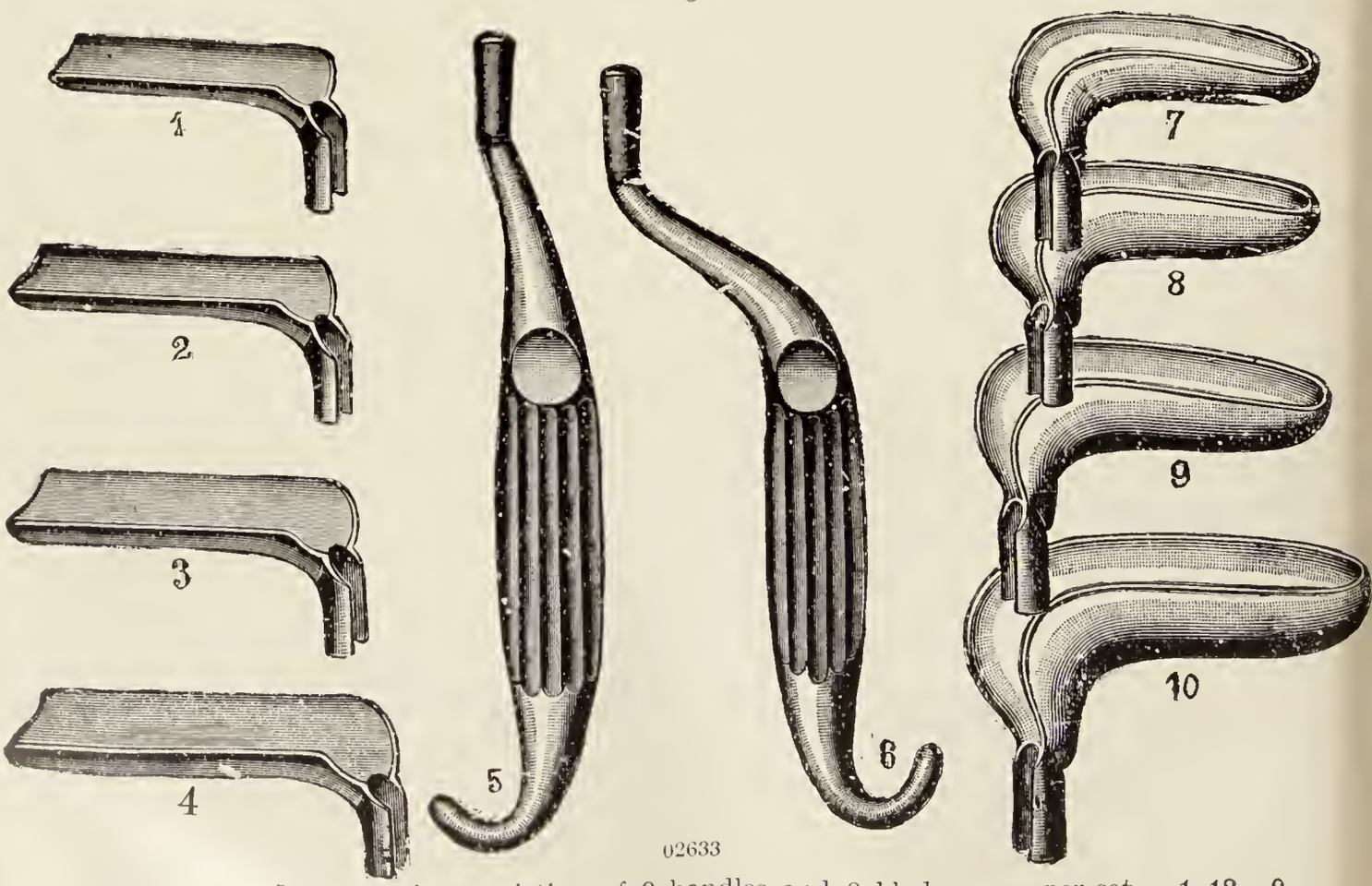
02629



02631

02632

No.	Specula—Contd.—	£	s.	d.
02629	Auvard's, self-holding	0	17	6
02630	Do. do., with movable weight	0	18	6
02631	Barnes's, electro-plated and gilt, with plug	1	0	0
02632	Barnes's modification of Neugabauer's	0	10	6

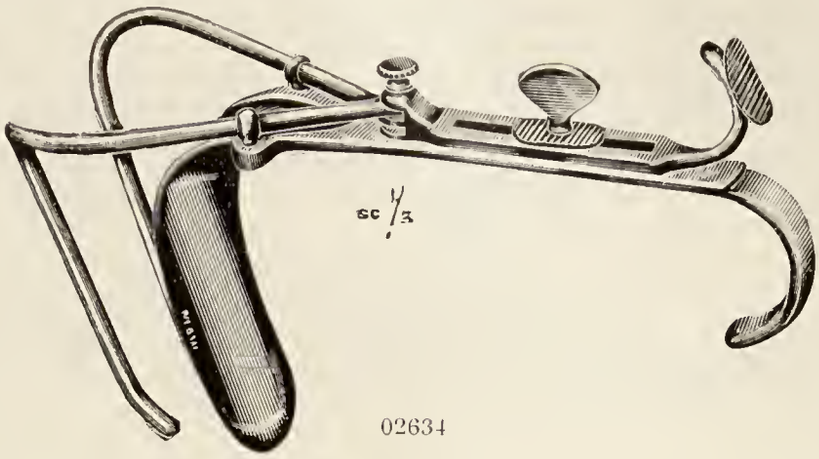


02633

02633 Bozemann's, consisting of 2 handles and 8 blades .. per set 1 12 0

Nos. 1-4 with handle No. 5 can be supplied separately if required at **16/6** *the half set.*

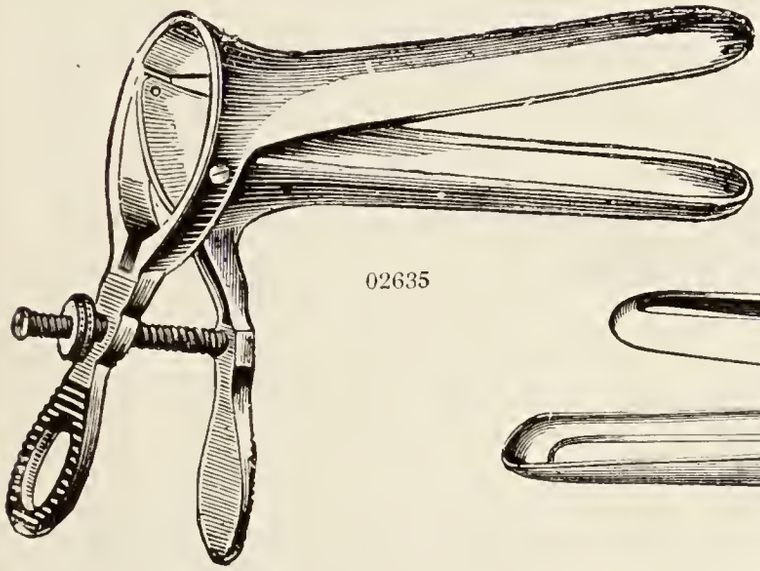
Uterine and Vaginal Instruments—Contd.—



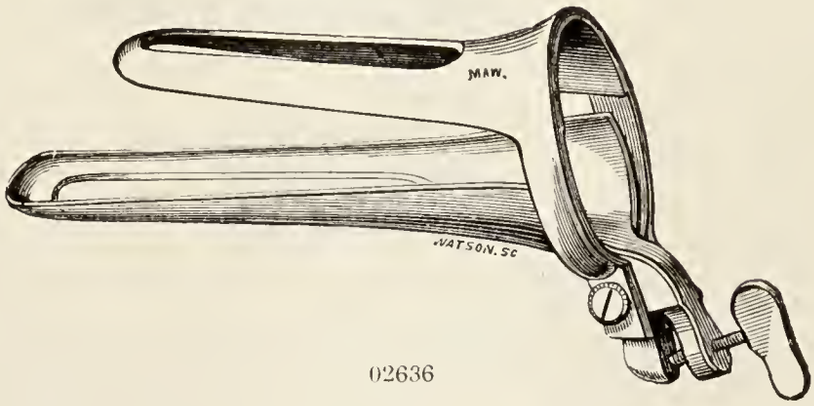
02634

Specula—Contd.—

No.		£	s.	d.
02634	Collins's..	0	12	6

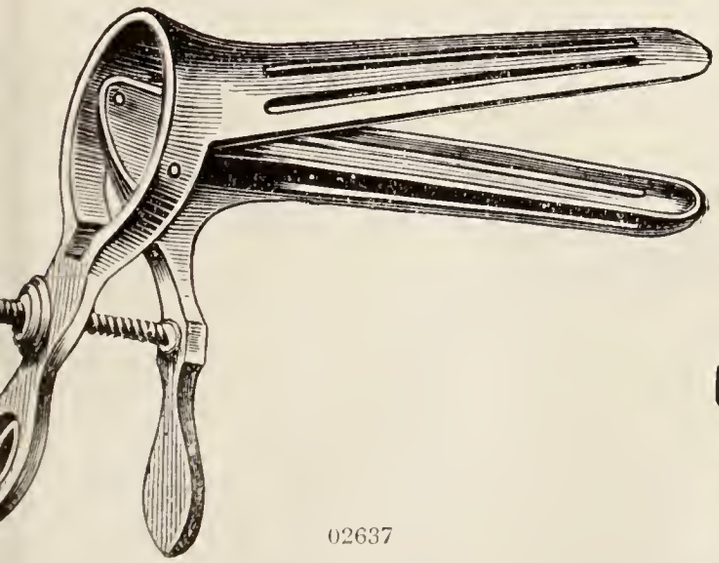


02635

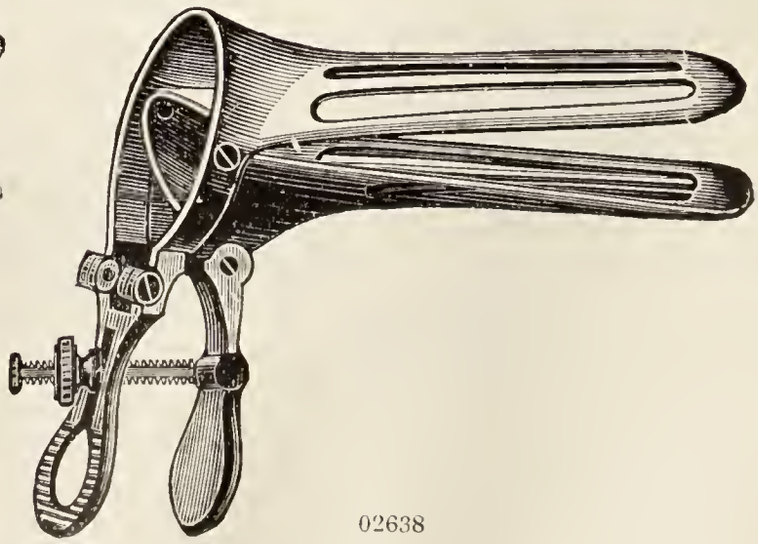


02636

02635	Cusco's, electro-plated	0	10	6
02636	Do. fenestrated, electro-plated and gilt	0	11	6



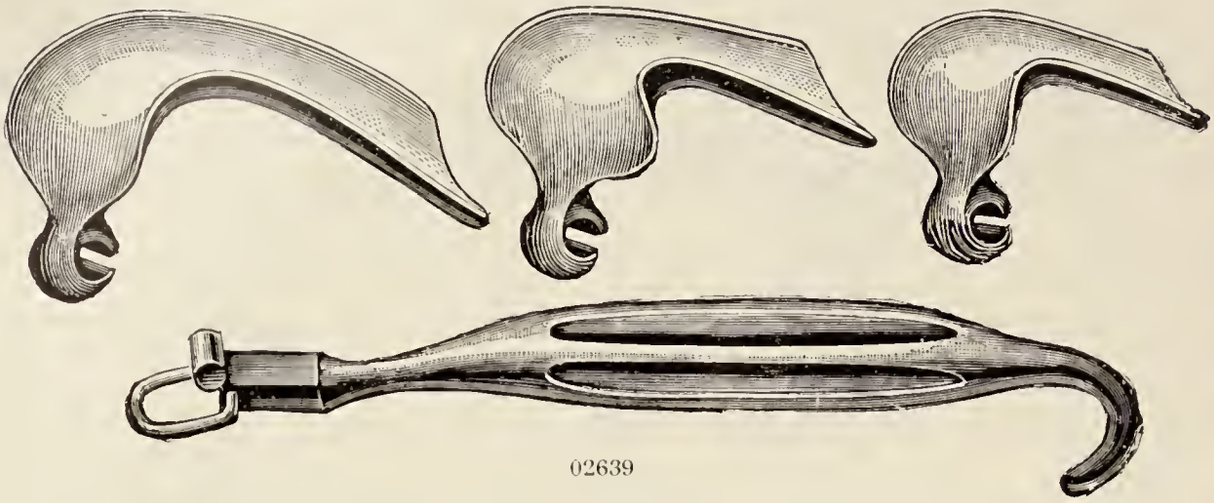
02637



02638

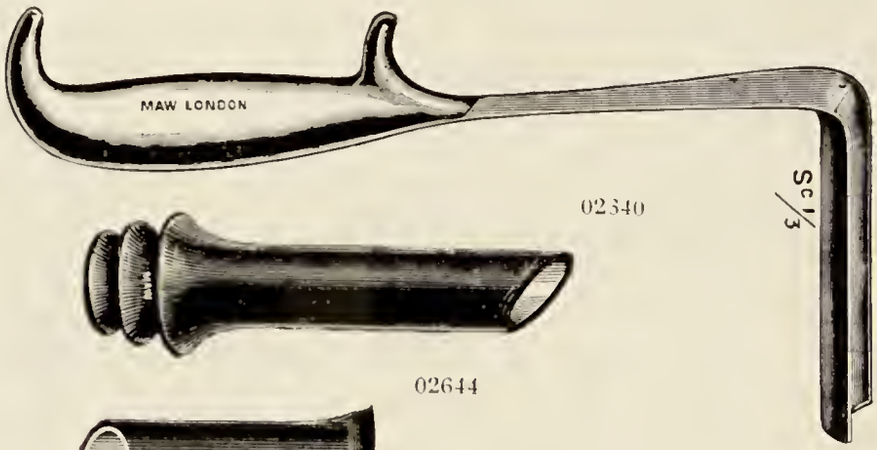
02637	Cusco's, fenestrated, improved model	0	10	6
02638	Do. do., with folding handle	0	11	6

Uterine and Vaginal Instruments—Contd.—



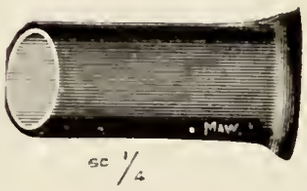
02639

No.	**Specula—Contd.—**	£	s.	d.
02639	Fritsch's, 3 blades fitting one handle	0	16	0



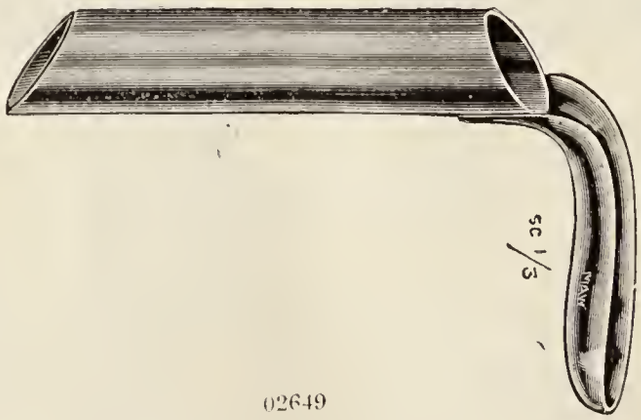
02640

02644



02648

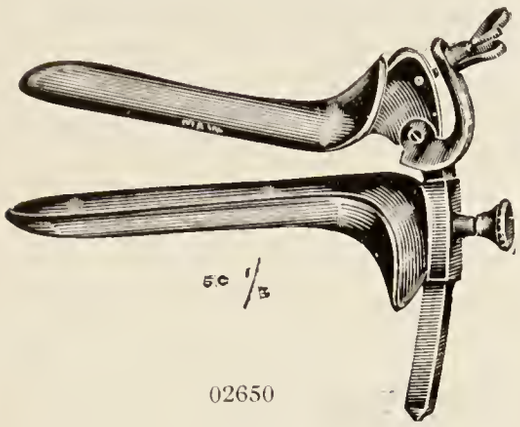
02640	Doyen's, narrow series, 3 sizes .. .. each	0	9	0
02641	Do. broad series, 3 sizes .. .. ,,	0	10	0
02642	Fergusson's, clear glass, 4 sizes .. each, **1/-**; per set of 4	0	3	6
02643	Do. celluloid, 4 sizes .. ,, **3/6**; ,, ,, 4	0	13	6
02644	Do. silvered glass covered with elastic gum, 3 sizes ,, **2/9**; ,, ,, 3	0	8	0
02645	Do. silvered glass covered with elastic gum web, 3 sizes each	0	3	6
02646	Do. plated, 3 sizes .. .. ,,	0	7	6
02647	Do. do., set of 3 in case .. .. ..per set	1	5	0
02648	Galabin's, short, for digital examination of the Os, glass, covered with elastic gum web, 2 sizes .. .. each	0	4	0



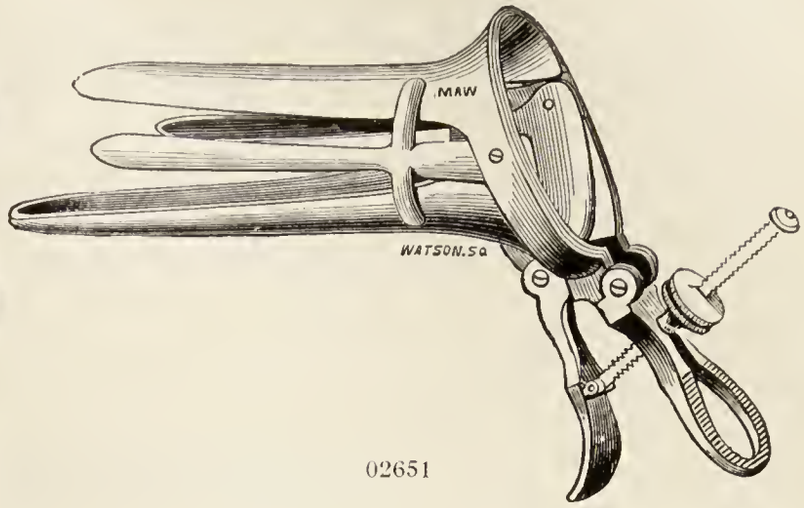
02649

02649	Haultain's, nickel-plated	0	7	6

Uterine and Vaginal Instruments—Contd.—

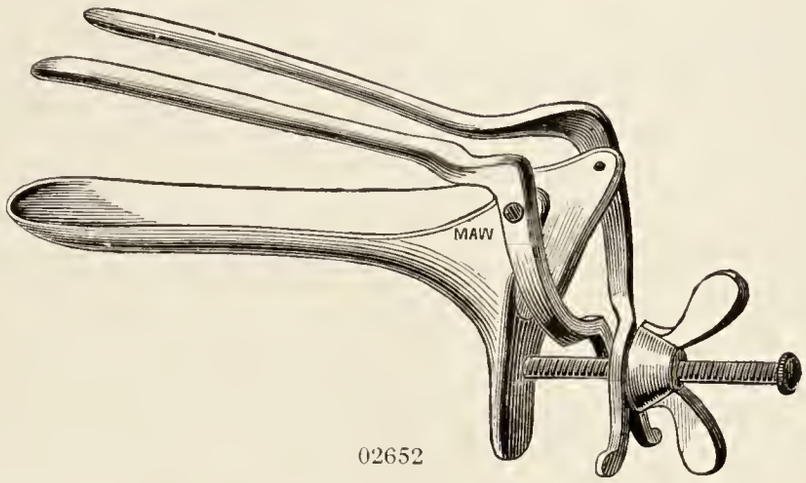


02650



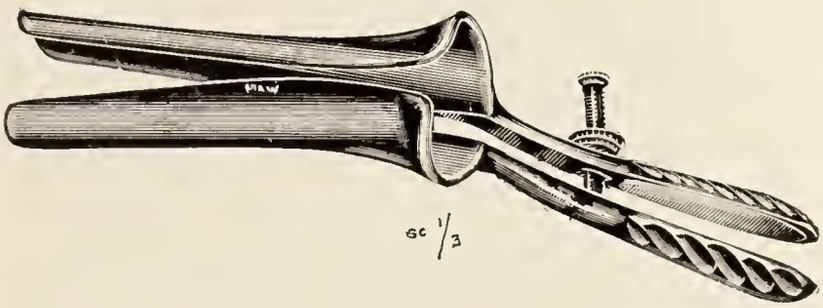
02651

No.	Specula—Contd.—	£	s.	d.
02650	Leonard's	0	16	0
02651	Meadow's, 4-bladed	1	7	0

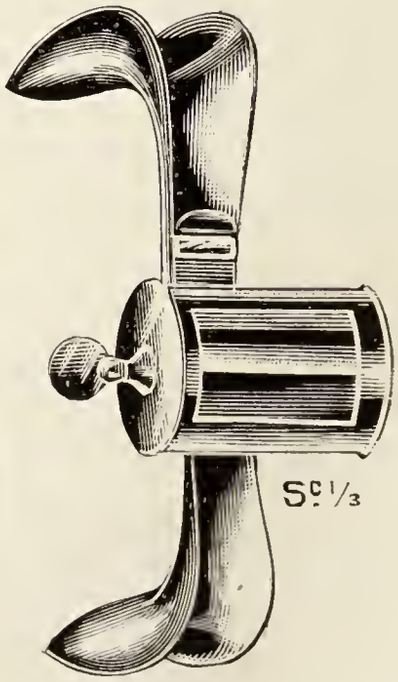


02652

02652	Nott's	0	10	6



02653



02654

02656

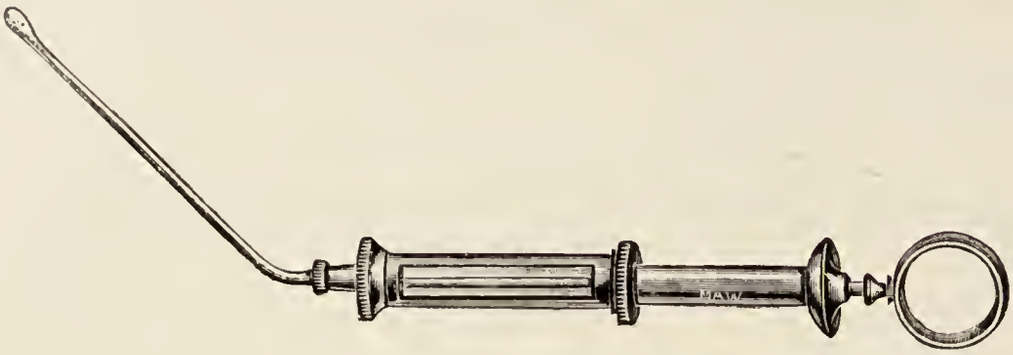
02657

02653	Ricord's, with metal handles	0	12	0
02654	Sims's, Duckbill	0	7	6
02655	Do. do., light model..	0	4	0
02656	Do. do., folding	0	10	6
02657	Do. with box for plugging-gauze attached	0	12	0

(*For Vaginal Retractors, see page* 299.)

Uterine and Vaginal Instruments—Contd.—

02658



02659

Sponge Holders (see pages 296 and 338).

Syringes, Intra-uterine—

No.		£	s.	d.
02658	Braun's, with vulcanite mounts	0	4	0
02659	Hoffmann's	0	4	6

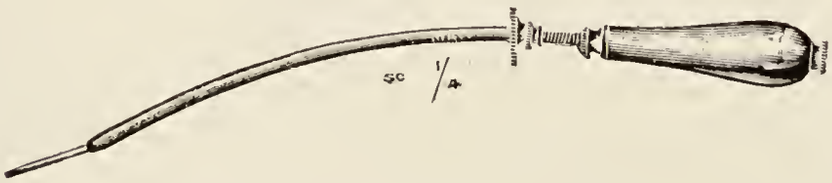
02660

02662

02664

Tents—

02660	Laminaria, hollow, in boxes of 1 doz. assorted sizes	per box	0	1	10
02661	Do. do., 4 in. long	per doz.	0	6	0
02662	Do. solid, in boxes of 1 doz. assorted sizes	per box	0	1	6
02663	Do. do., 4 in. long	per doz.	0	4	0
02664	Sponge, in boxes of 1 doz. assorted sizes	per box	0	2	6
02665	Tupelo, hollow do. do.	,,	0	10	6
02666	Do. solid do. do.	,,	0	6	0



02668

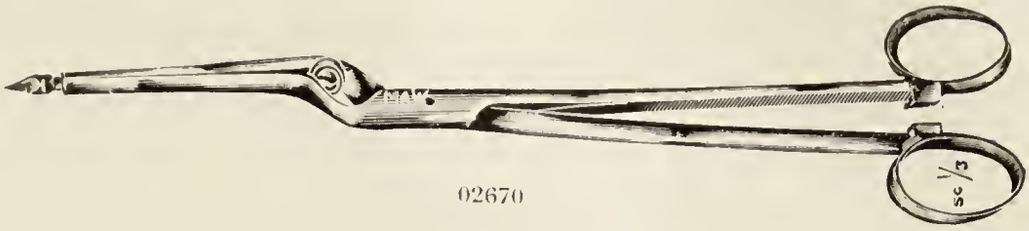
Tent Introducers—

02667	Barnes's	0	7	6
02668	Godson's, with metal handle	0	13	0

02669

02669	**Tent Introducing Forceps,** St. Bartholomew's Hospital Model ..	0	10	0

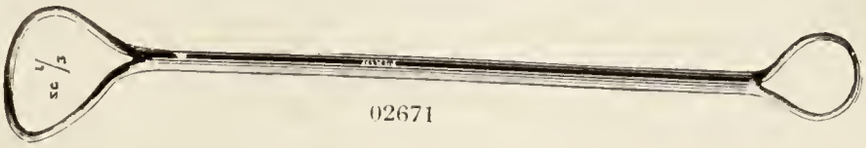
Uterine and Vaginal Instruments—Contd.—



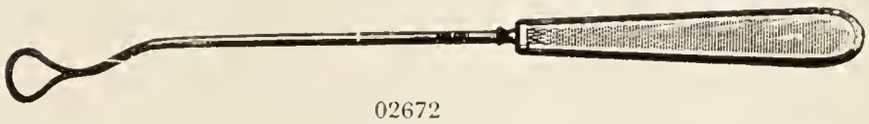
02670

Trocar, for Pelvic Abscess—

No.		£	s.	d.
02670	Christopher Martin's, with forceps combined	0	16	6



02671



02672

Vagina Depressors—

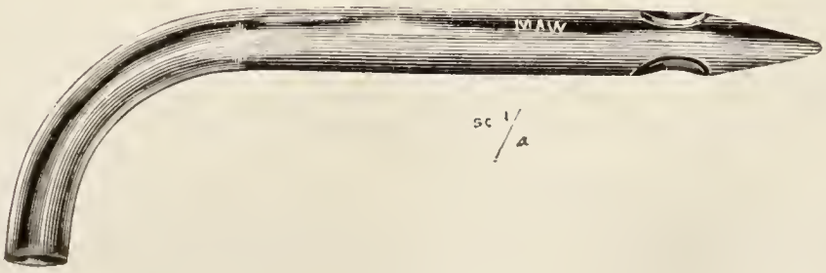
02671	Gervis's, wire loop	0	4	6
02672	Sims's	0	6	0

02673

Vagina Dilators—

02673	Sims's, glass.	0	0	6
02674	Do. do., extra large	0	1	0
02675	Do. vulcanite	0	1	6

OVARIOTOMY AND HYSTERECTOMY INSTRUMENTS.



02676

02675a	**Broad Ligament Clamp,** Doyen's, compound action	3	10	0
02676	**Cyst Tube,** Lawson Tait's, 3 sizes .. ..each, 8/6, 10/6 and	0	12	0
	Crutch, Clover's (see page 247).			

Ovariotomy and Hysterectomy Instruments—Contd.—

02678

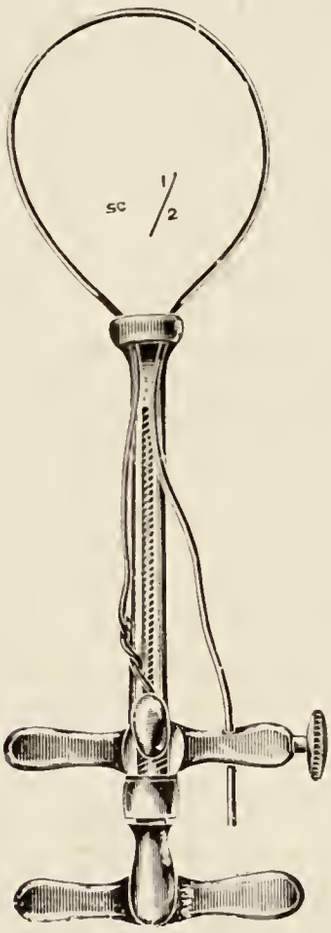
02679

02680

No.	**Drainage Tubes,** glass—		£	s.	d.
02678	Keith's, assorted sizes	per doz.	0	6	0
02679	Tait's, assorted sizes	,,	0	9	0
02680	Thomas's, assorted sizes	,,	0	8	0
02681	India-rubber Sheeting (Keith's Dressing), for use with the above Tubes, in squares 18 in. by 18 in.	per piece	0	3	3
02682	**Drainage Tubes,** India-rubber, Thornton's T-shape	each	0	1	6

(*For other Drainage Tubes, see pages* 522 *and* 523.)

02683

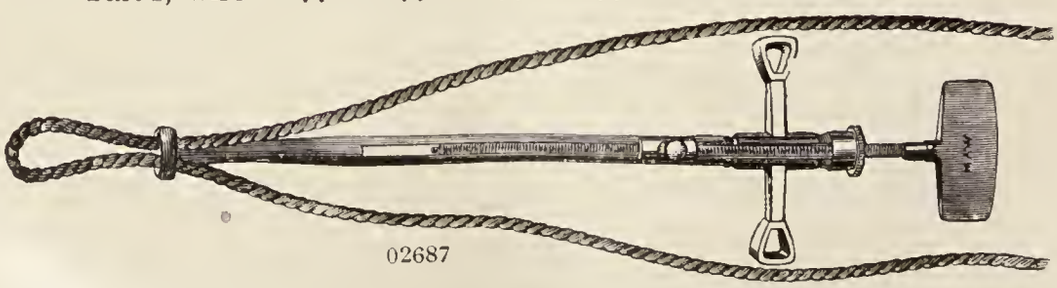


02684

02686

Ecraseurs and Serre-nœuds—

02683	Elder's	1	7	6
02684	Fenton's	1	0	0
02685	Koeberle's	0	19	0
02686	Tait's, wire	1	17	6



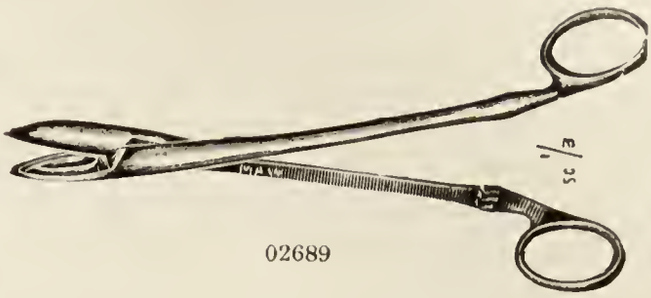
02687

02687	Tait's rope	1	10	0

(*For other Ecraseurs see page* 276.)

Ovariotomy and Hysterectomy Instruments—Contd.—

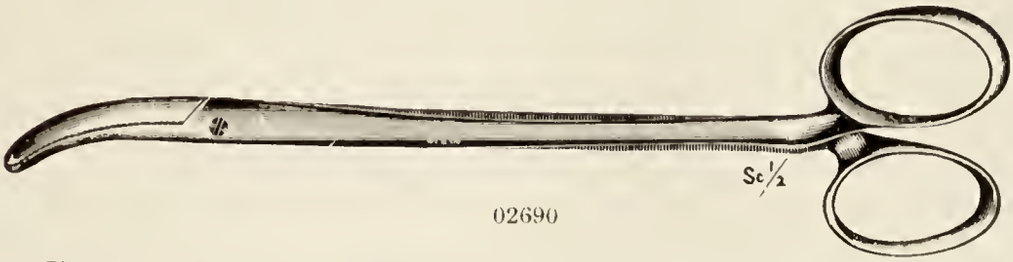
02688



02689

Forceps, Artery, for deep-seated vessels, etc.—

No.		£	s.	d.
02688	Bland Sutton's, 7 in.	0	7	0
02689	Greig Smith's, 7 in., disjointing	0	10	6



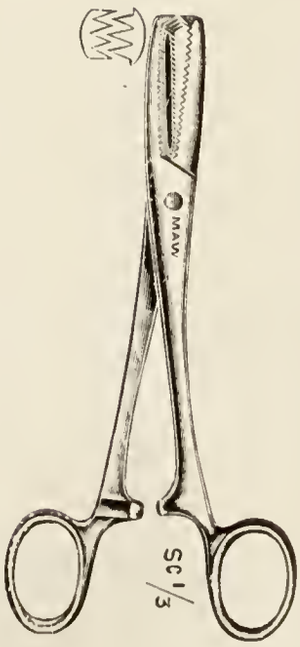
02690

02690	Harrison Cripps's, 6½ in.	0	8	0

02691

02691	Hellier's, 8 in.	0	10	6

02692



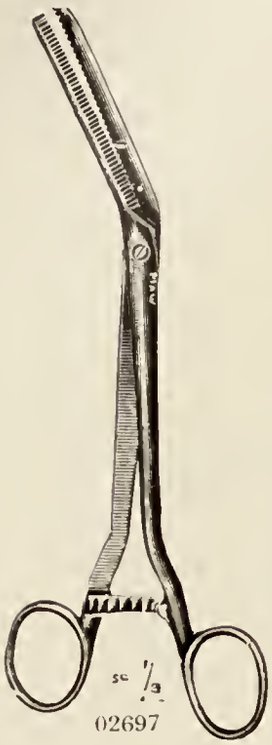
02693

02695

02692	Keith's, 8 in., disjointing	0	10	6
02693	Kocher's, 6½ in., heavy pattern, with tenaculum points.. ..	0	10	6
02694	Pozzi's, 8 in. curved, disjointing	0	9	0
02695	Do. 8 in. straight, disjointing	0	10	6
02696	Thornton's, T-shape, 6 in., disjointing	0	11	6

(*For other Artery Forceps, see pages* 3 *to* 8.)

Ovariotomy and Hysterectomy Instruments—Contd.—



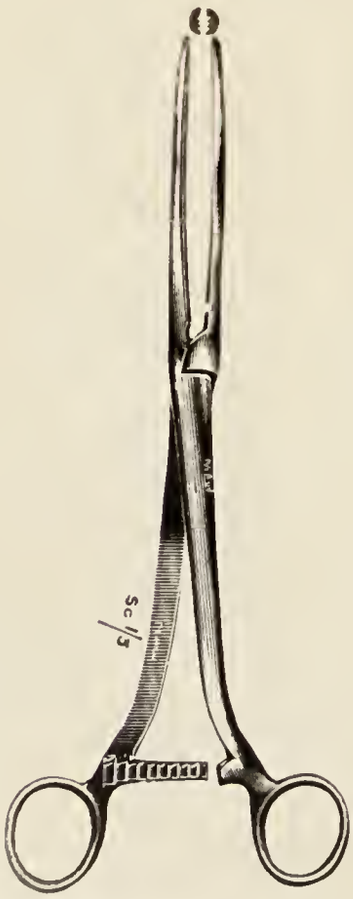
02697

02698

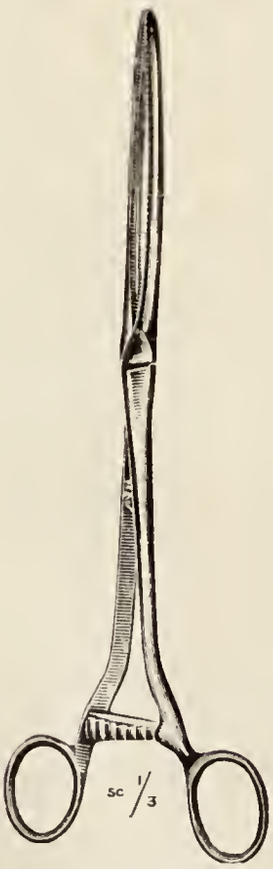
02700

02701

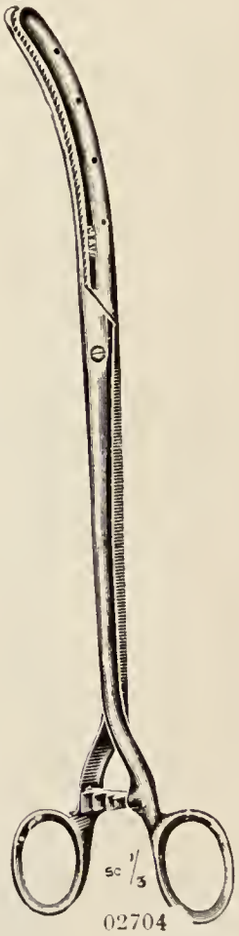
No.	Forceps, Broad Ligament—	£	s.	d.
02697	Angular	0	13	0
02698	Doyen's, with ribbon blades, straight, 8 in.	0	10	6
02699	Do. do., curved, 8 in.	0	12	0
02700	Jessett's	0	15	0
02701	Playfair's, with ridged blade, 2 sizes 8 in., 12/6; 9½ in.	0	14	6



02702



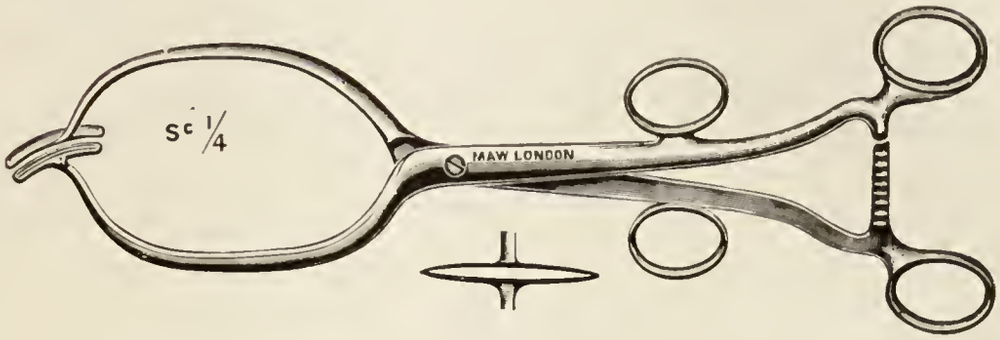
02703



02704

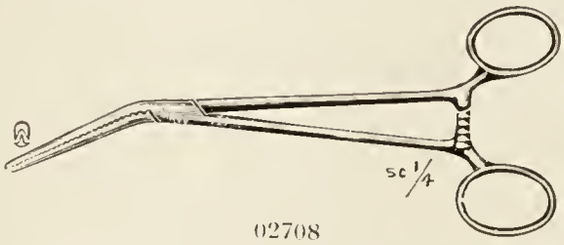
02702	Jordan Lloyd's, 9 in., with blades grooved longitudinally ..	0	12	6
02703	Galabin's, improved, 11 in.	0	13	6
02704	Playfair's, curved, with pin blades, 2 sizes.. 7 in., 12/6; 10 in.	0	14	6
02705	Do. straight, with pin blades, 2 sizes.. 7 in., 12/6; 10 in.	0	14	6
02706	Do. double curved, 7 in.	0	12	6

Ovariotomy and Hysterectomy Instruments—Contd.—



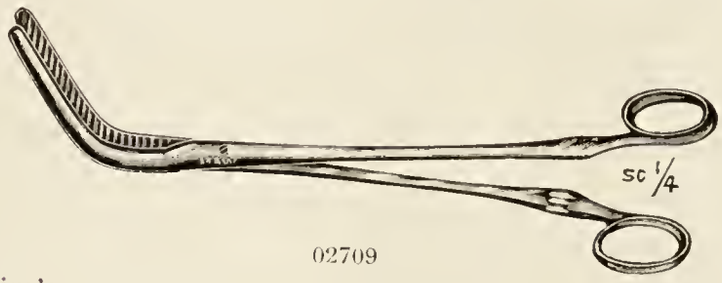
02707

No.	Forceps, Clamp, for Wertheim's operation—	£	s.	d.
02707	Berkeley-Bonney's (Registered No. 540134)	1	6	0



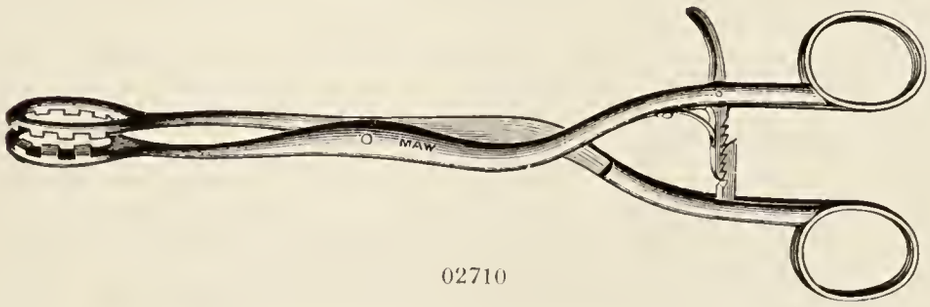
02708

02708	Kocher's, angular, 8 in. .. box joint, 11/3; screw joint	0	10	6

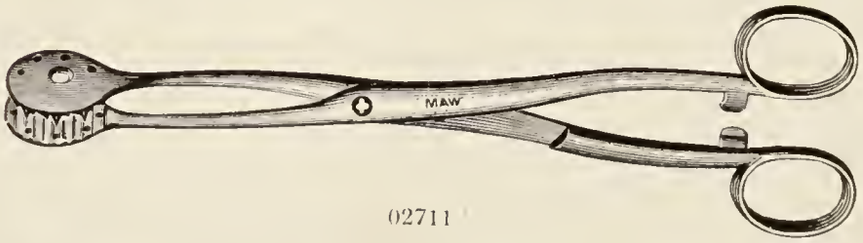


02709

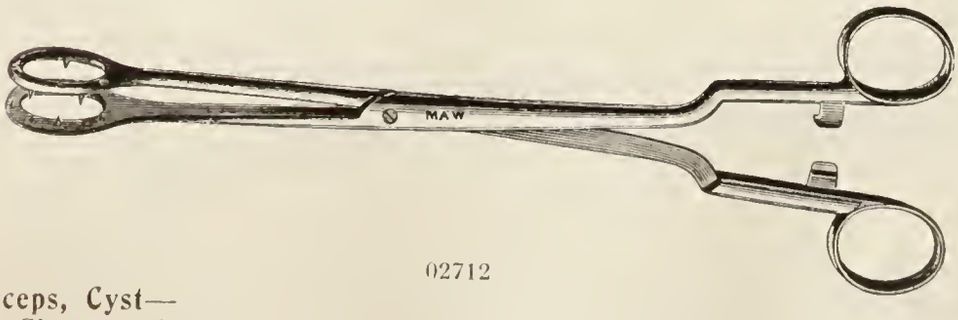
02709	Wertheim's	0	14	6



02710



02711

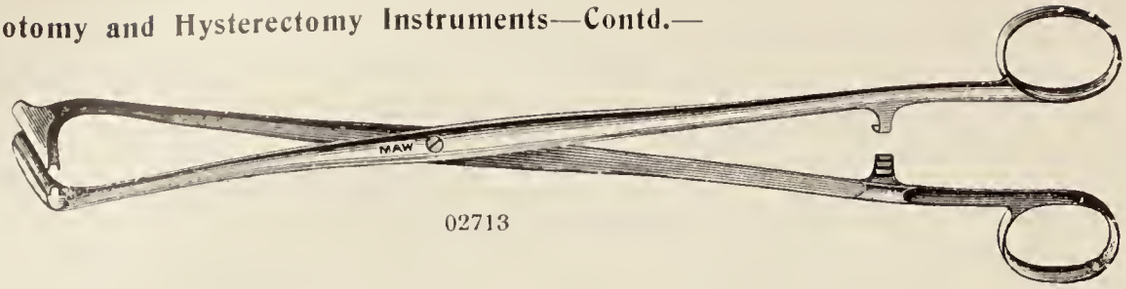


02712

Forceps, Cyst—

02710	Clement Godson's	0	19	6
02711	Nelaton's, disjointing	0	12	0
02712	Mathews Duncan's	0	15	0

Ovariotomy and Hysterectomy Instruments—Contd.—

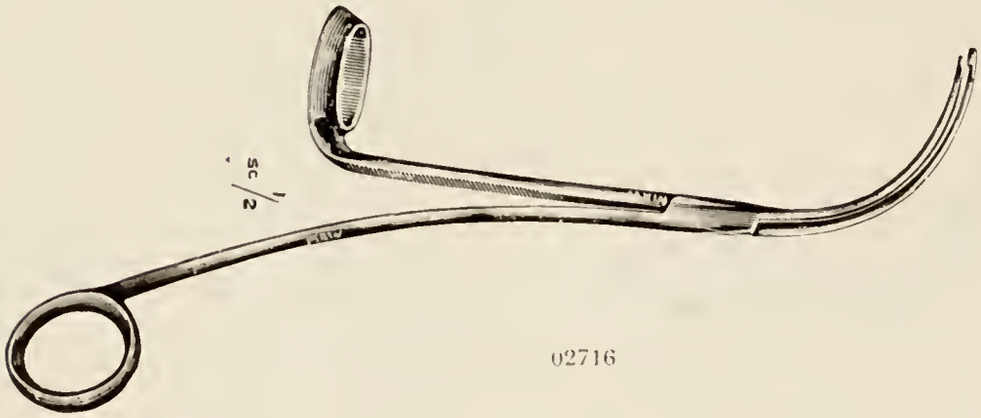


02713

No.		£	s.	d.
	Forceps, Cyst—Contd.—			
02713	Sydney Jones's	0	19	6
02714	Thornton's, T-shape, to close opening made by trocar	0	12	6

Sc 1/2 02715

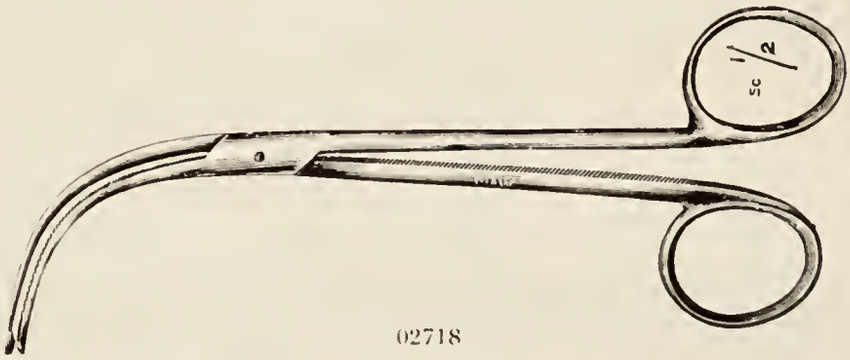
02715	**Forceps, Dissecting,** Victor Bonney's	0	7	6



02716

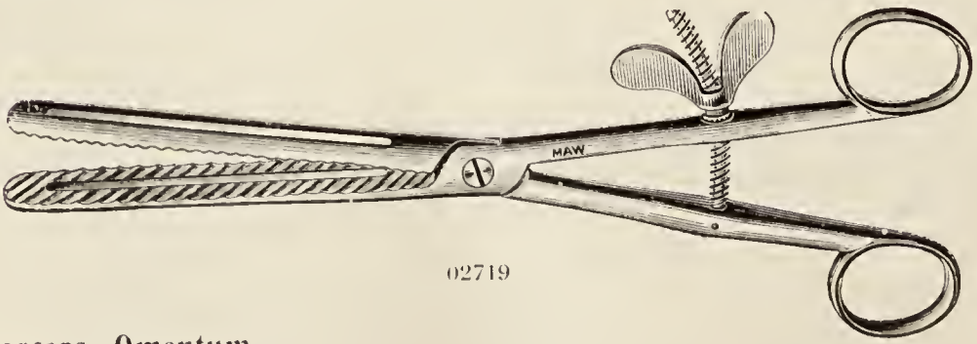
02717

	Forceps, Ligature—			
02716	Carwardine's	0	9	6
02717	Cleveland's	0	9	6



02718

02718	Greig Smith's	0	6	6

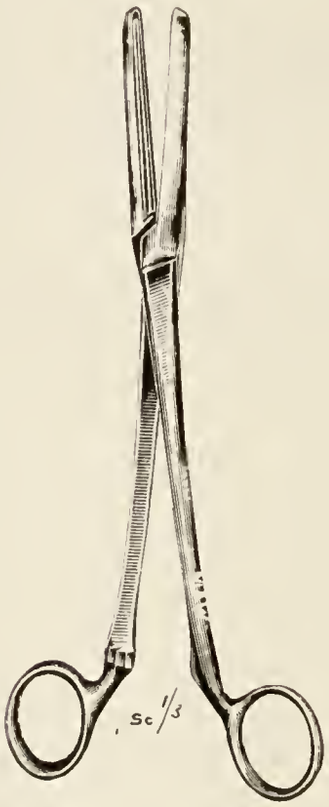


02719

	Forceps, Omentum—			
02719	Spencer Wells's, for clamping the omentum, 2 sizes 7 in., **11/-**; 11 in.	0	17	0
02720	Spencer Wells's, for clamping the omentum, disjointing, 2 sizes 7 in., **15/-**; 11 in.	1	1	0

Ovariotomy and Hysterectomy Instruments—Contd.—

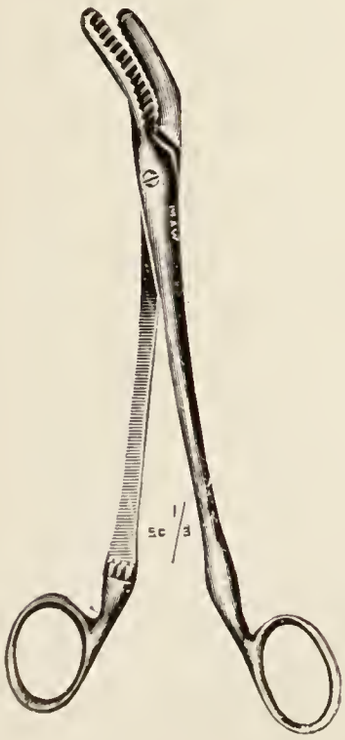
02721



02722

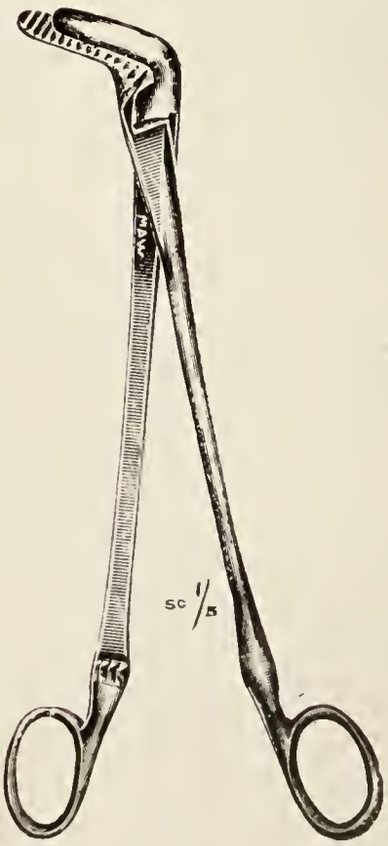
02723

No.	Forceps, Pedicle—	£	s.	d.
02721	Braithwaite's	0	10	0
02722	Greig Smith's, with grooved blades..	0	12	6
02723	Moynihan's, with tenaculum points, 9 in.	0	11	6



02724

02726

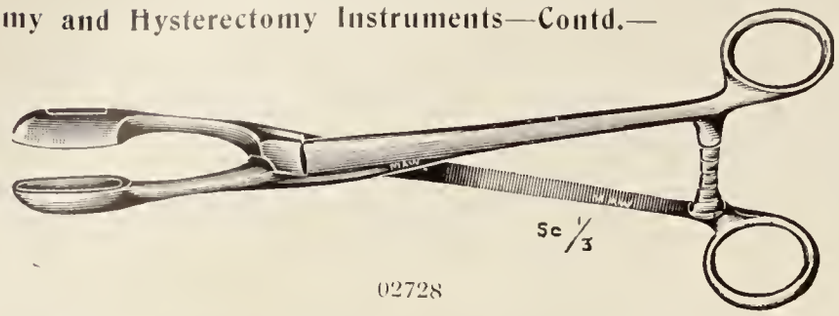


02727

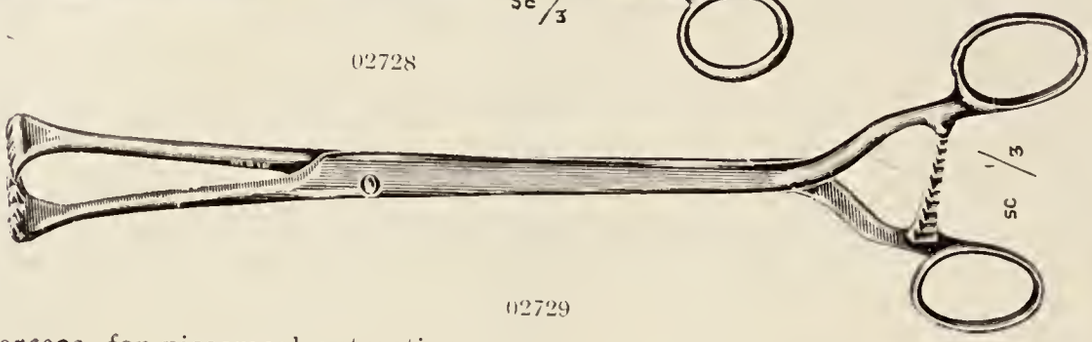
02724	Spencer Wells's, angular, 2 sizes .. .. 8 in., 10/6 ; 9 in.	0	11	0
02725	Do. do. disjointing, 2 sizes, 8 in., 13/0 ; 9 in.	0	13	6
02726	Do. straight, disjointing, 2 sizes 8 in., 10/6 ; 9 in.	0	11	0
02727	Do. rectangular, 9 in. ; disjointing	0	14	6

If with screw joint, each **2/6** *less.*

Ovariotomy and Hysterectomy Instruments—Contd.—



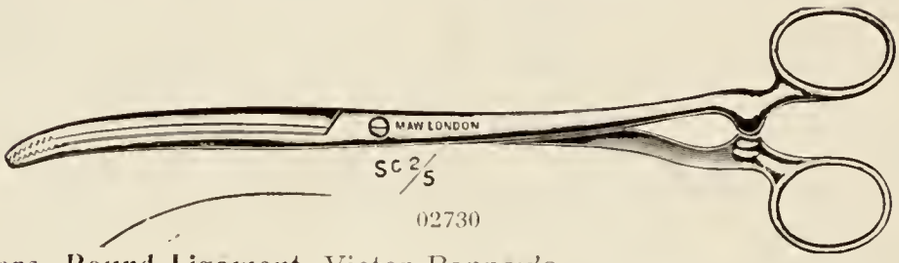
02728



02729

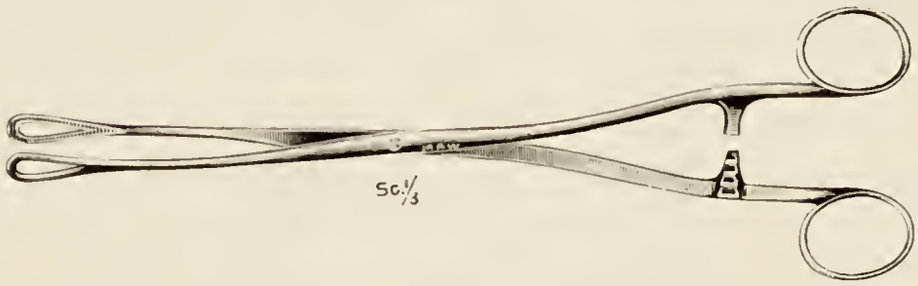
Forceps, for piecemeal extraction—

No.		£	s.	d.
02728	Doyen's, with cupped blades	0	14	6
02729	Volsellum, with 4 teeth, and long rack catch	0	12	6

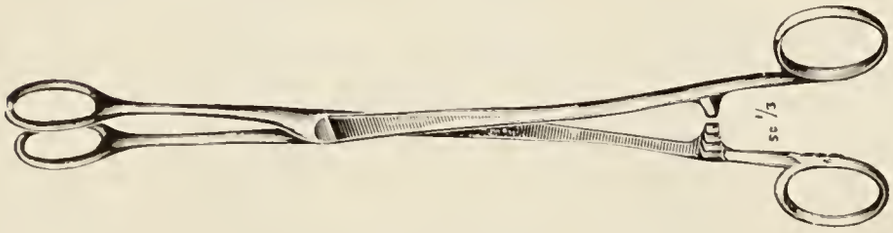


02730

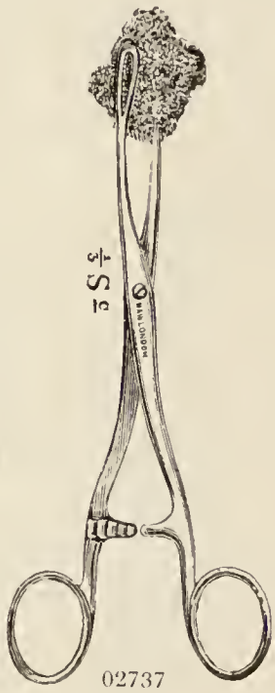
02730 **Forceps, Round Ligament,** Victor Bonney's 0 9 6



02731



02735

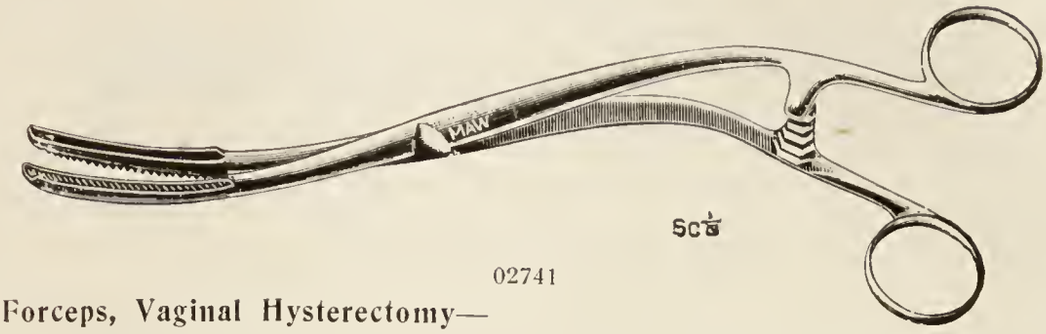


02737

Forceps, Sponge-holding—

02731	With oval serrated blades, screw joint .. 8 in., **8/-**; 10 in.	0	9	0
02732	Do. do. do., do. "B" quality 8 in., **6/6**; 9 in.	0	7	0
02733	Do. do. do., disjointing .. 8 in., **10/-**; 10 in.	0	11	0
02734	Do. do. do., do. "B" quality 8 in., **7/-**; 9 in.	0	7	6
02735	With large round blades, disjointing.. .. .. .. 10 in.	0	11	0
02736	Do. do. do. do., "B" quality 8 in., **6/6**; 9 in.	0	7	0
02737	With oval smooth blades, 7 in., screw joint	0	7	6
02738	Do. do. do., 9 in., do. "B" quality ..	0	3	9
02739	Do. do. do., 7 in., disjointing	0	9	6
02740	Do. do. do., do. "B" quality.. ..	0	4	6

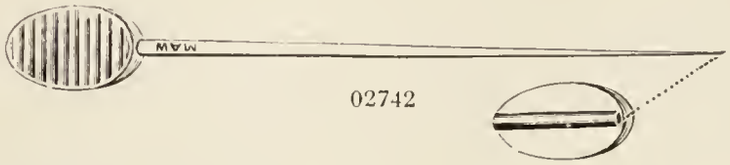
Ovariotomy and Hysterectomy Instruments—Contd.—



02741

Forceps, Vaginal Hysterectomy—

No.		£	s.	d.
02741	Wise's, disjointing	0	16	0



02742

Hysterectomy Pins—

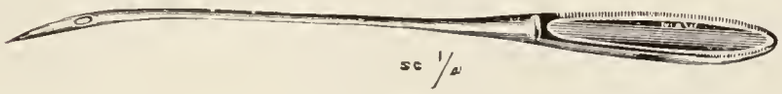
02742	Guarded, for use with serre-nœud, 4 or 5 in. .. .. each	0	3	0

02743

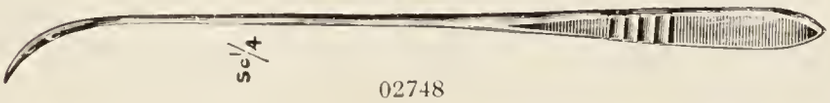
Myoma Screws—

02743	Greig Smith's	0	10	0
02744	Lawson Tait's	0	3	0

02745



02746



02748

Needles, Pedicle, solid forged—

02745	Bland-Sutton's..	0	4	6
02746	Cullingworth's	0	5	0
02747	Galabin's, with two eyes	0	5	0
02748	Middlesex Hospital pattern	0	6	0
02749	Spencer Wells's	0	6	0

02750

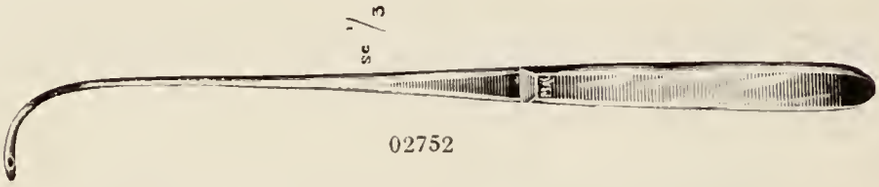
02750	Worrall's, right and left .. .. each	0	5	6

Ovariotomy and Hysterectomy Instruments—Contd.—

02751

No.		£	s.	d.
02751	**Needle,** for Ligaturing Uterine Artery, W. Duncan's	0	6	6

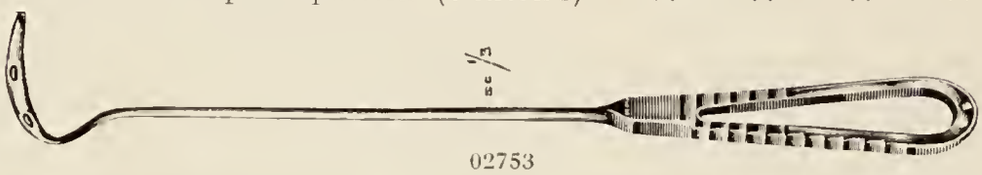
Needles, Suture, in handle (see pages 29 and 30).



02752

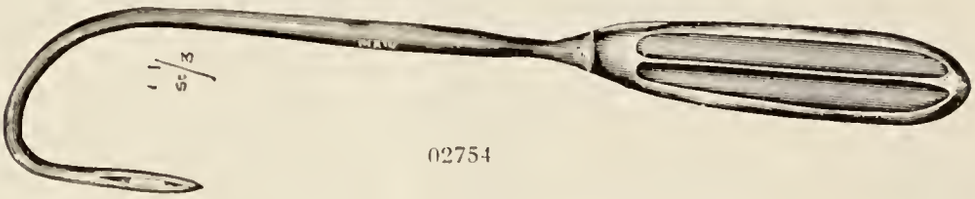
Needles, for Vaginal Hysterectomy (Broad Ligament)—

02752	Chelsea Hospital pattern (Fenton's)	0	6	0



02753

02753	Galabin's, solid forged, right and left .. .. .. each	0	6	0

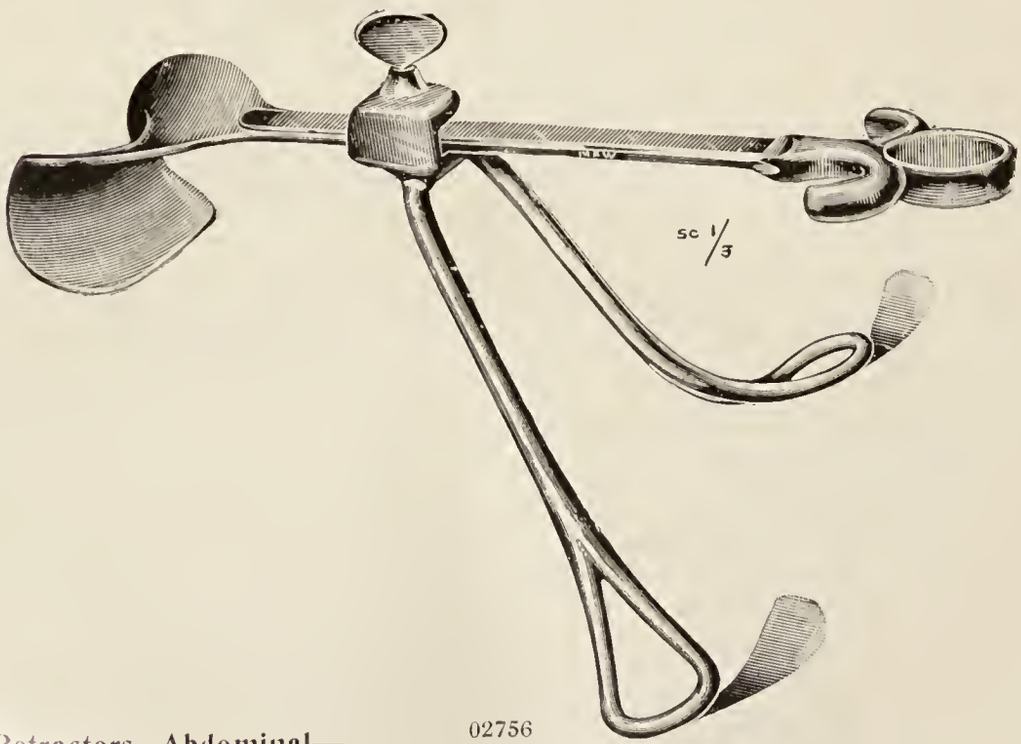


02754

02754	Jessett's	0	7	6

02755

02755	Rotunda Hospital pattern, solid forged	0	5	6

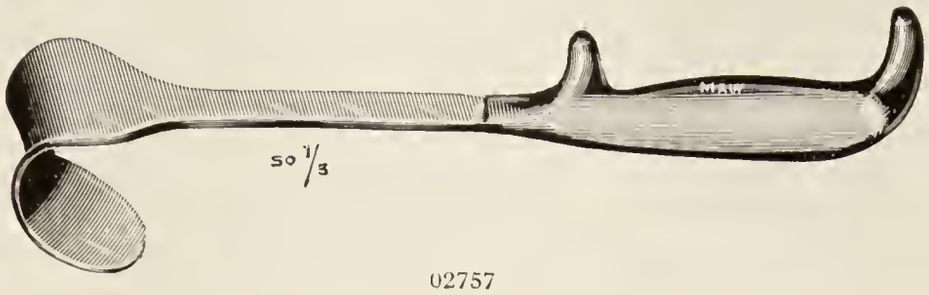


02756

Retractors, Abdominal—

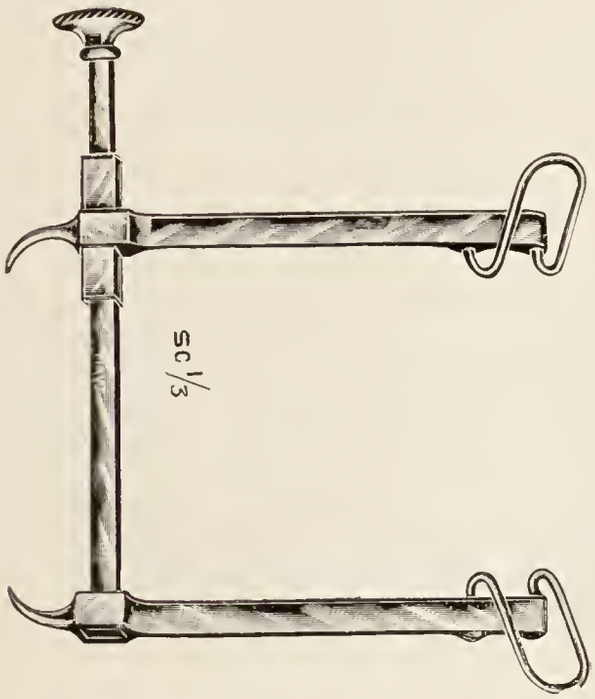
02756	Doyen's, with self-holding frame, fitted with 2 blades, 3¼ in. and 4 in.	2	2	0

Ovariotomy and Hysterectomy Instruments—Contd.—

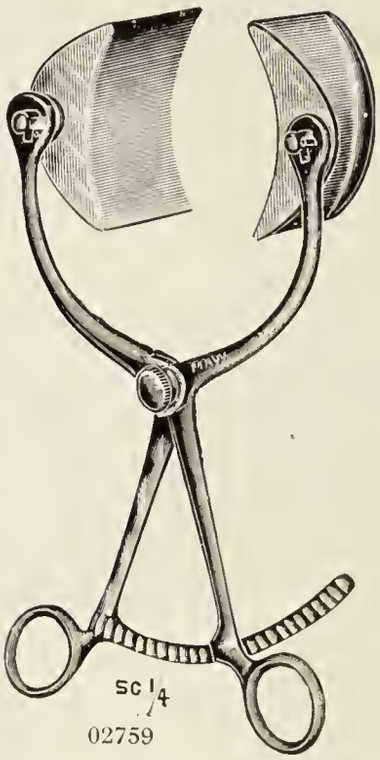


02757

No.	**Retractors, Abdominal—Contd.—**	£	s.	d.
02757	Doyen's, with handle, 2 sizes, $3\frac{1}{4}$ in. and $3\frac{3}{4}$ in. .. .. each	0	11	6

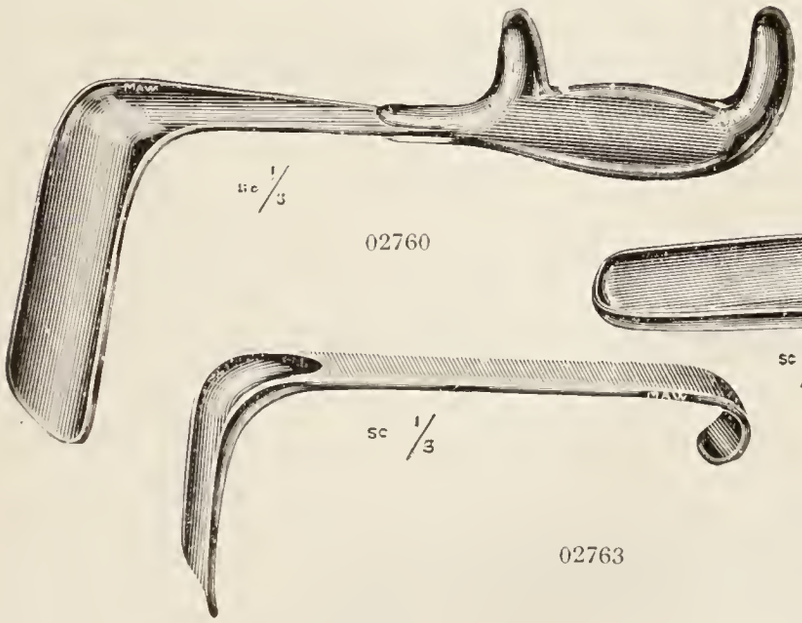


02758

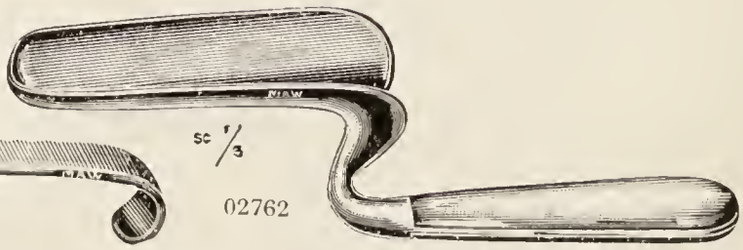


02759

02758	Gossett's, self-holding..	0	16	6
02759	Pozzi's, self-holding	1	12	0



02760



02762

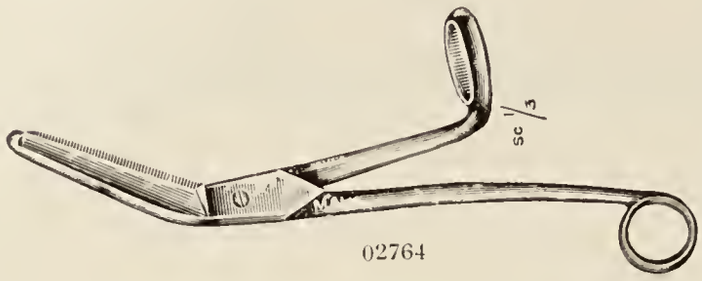
02763

Retractors, Vaginal—

02760	Pozzi's, narrow series, 3 sizes, $4\frac{3}{4} \times 1\frac{3}{4}$ in., $3\frac{1}{2} \times 1\frac{3}{4}$ in., and $2\frac{1}{2} \times 1\frac{3}{4}$ in. each	0	9	0
02761	Do. wide series, 3 sizes, $4\frac{3}{4} \times 2\frac{1}{4}$ in., $3\frac{1}{2} \times 2\frac{1}{4}$ in., and $2\frac{1}{2} \times 2\frac{1}{4}$ in. each	0	9	0
02762	For anterior vaginal wall	0	9	0
02763	With hook for finger	0	4	6

(*For other Retractors, see pages* 39 *to* 41.)

Ovariotomy and Hysterectomy Instruments—Contd.—



02764

No.		£	s.	d.
02764	**Scissors, Abdominal,** Carwardine's	0	7	0

02765

02765	**Scissors, Hysterectomy,** Pozzi's, curved on flat, screw joint, 9/-; disjointing	0	11	6
02766	**Scissors, Pedicle,** 8 in., curved on flat, disjointing	0	10	6

Silk, for Pedicle (see page 530.)

Sponge Holders and Sponge Forceps (see pages 338 and 296).

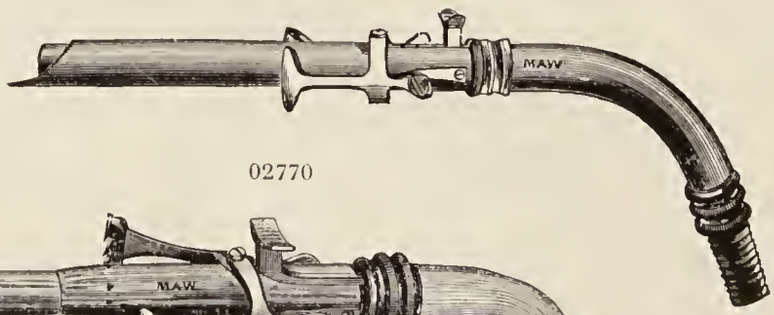
02767

Trocars, Ovarian—

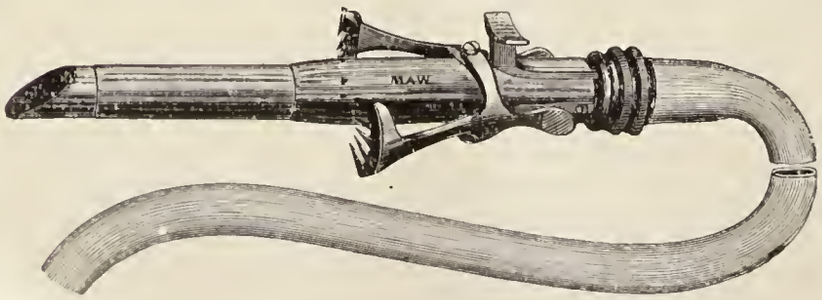
02767	Bruce Clarke's	0	15	0

02768

02768	Lawson Tait's	1	16	0



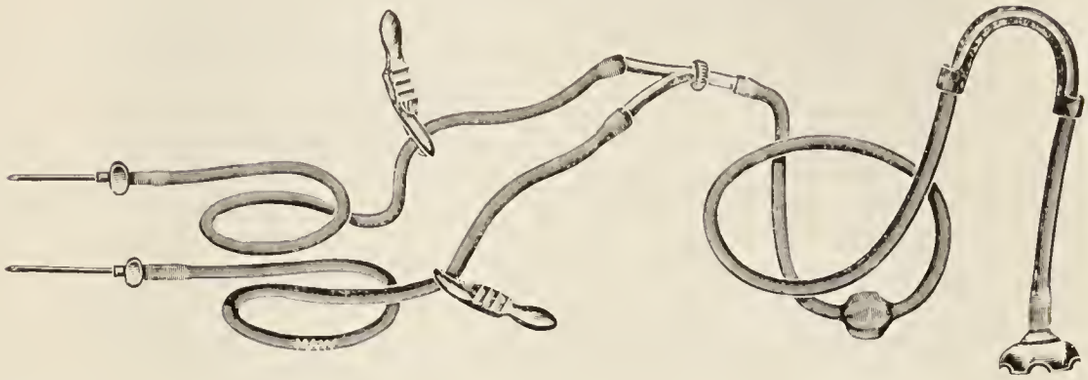
02770



02769

02769	Spencer Wells's, with hooks	1	10	0
02770	Do. curved, improved pattern	1	19	0

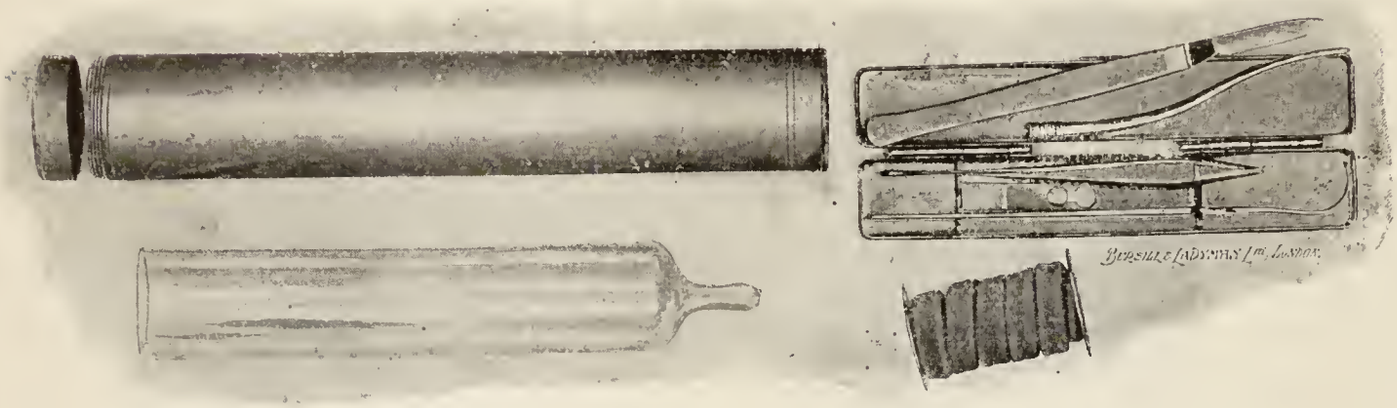
INFUSION APPARATUS.



02771

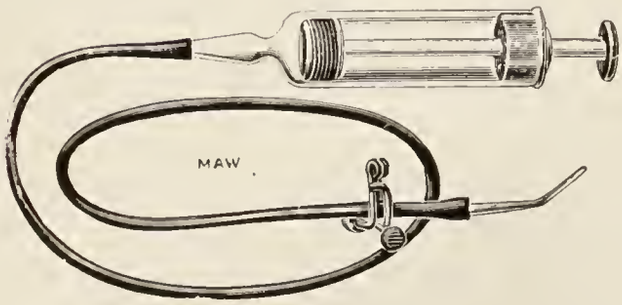
Saline Infusers—

No.		£	s.	d.
02771	Barnard's, with 2 needles, 2 clips, vulcanite U-piece and sinker, complete in japanned tin case..	0	14	0



02772

02772	Berkeley's, consisting of glass funnel, 3 ft. of india-rubber tubing on metal reel, and metal box containing scalpel (solid forged), dissecting forceps, aneurism needle and silver-plated infusion pipe, the whole apparatus being contained in an aseptic metal cylinder with plug caps	1	7	0

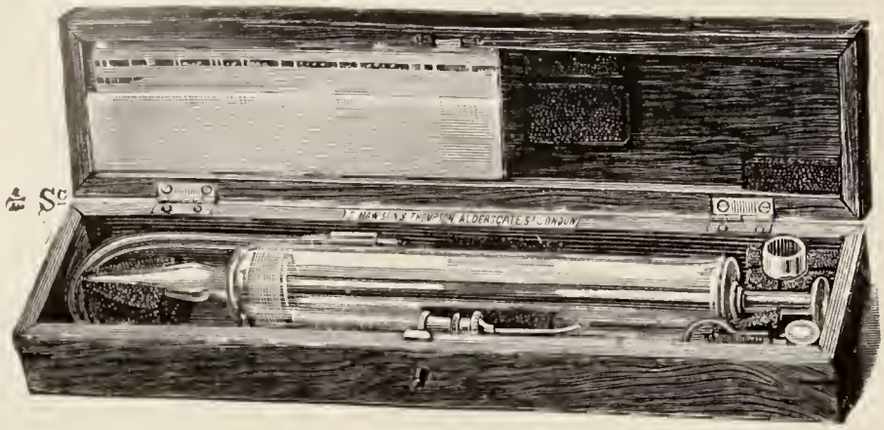


02773

02774

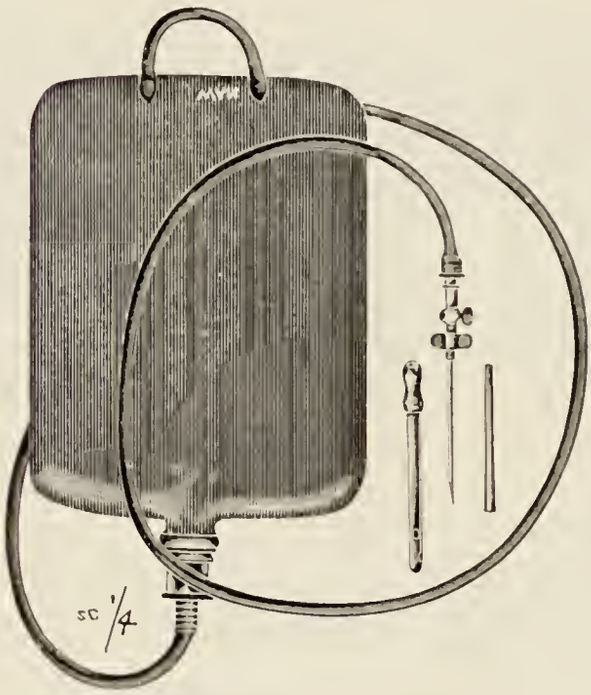
02773	Drummond Robinson's, consisting of 2 oz. glass syringe and glass funnel, 4 ft. of india-rubber tubing, metal infusion pipe with plug mount, glass infusion pipe, thermometer in metal case, scalpel (solid forged), 2 pairs aseptic Spencer Wells's artery forceps, dissecting forceps, and pinch-cock, in mahogany case	1	7	6
02774	Horrocks's, consisting of glass funnel, 3 ft. of india-rubber tubing, glass canula and pinch-cock, in oval japanned tin case ..	0	4	6
02775	Hospital apparatus, consisting of glass cylinder, 4 ft. of india-rubber tubing, pinch-cock and metal canula..	0	6	6

Infusion Apparatus—Contd.—

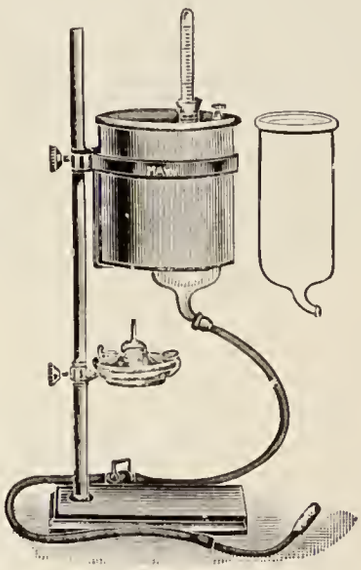


02776

No.	**Saline Infusers—Contd.—**	£	s.	d.
	Lane's, consisting of 2 oz. glass syringe, 2 ft. of india-rubber tubing, metal infusion pipe with plug mount, and pinch-cock—			
02776	In mahogany case	0	9	0
02777	In japanned tin case	0	10	6

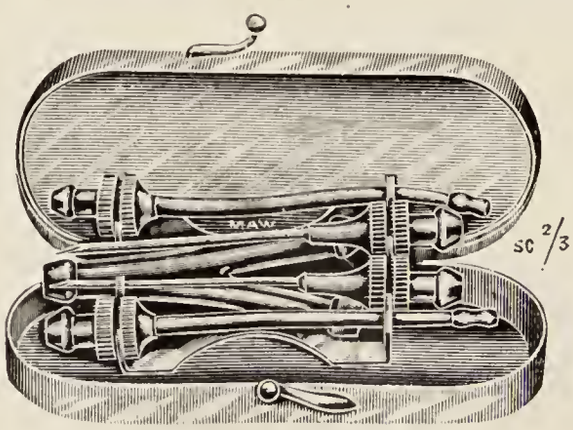


02778



02779

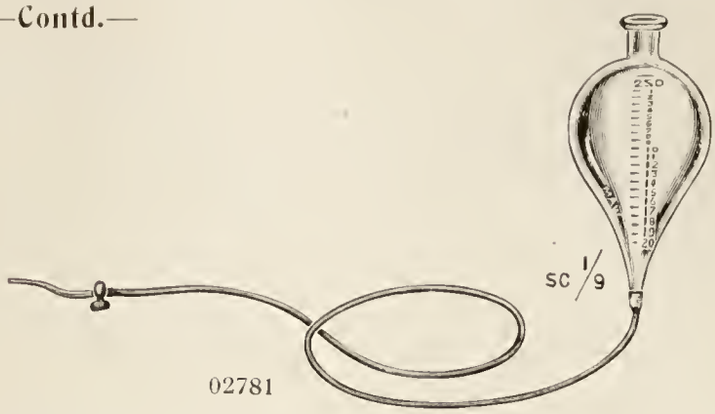
02778	Lane's, with india-rubber bag, for continual infusion after a major operation, fitted with needle, protector and metal nozzle for rectal use, complete in nickel-plated box.. .. (*See "Lancet," Feb.* 8, 1908.)	1	7	6
02779	Macnaughton Jones's, with copper reservoir, for proctoclysis ..	1	16	0



02780

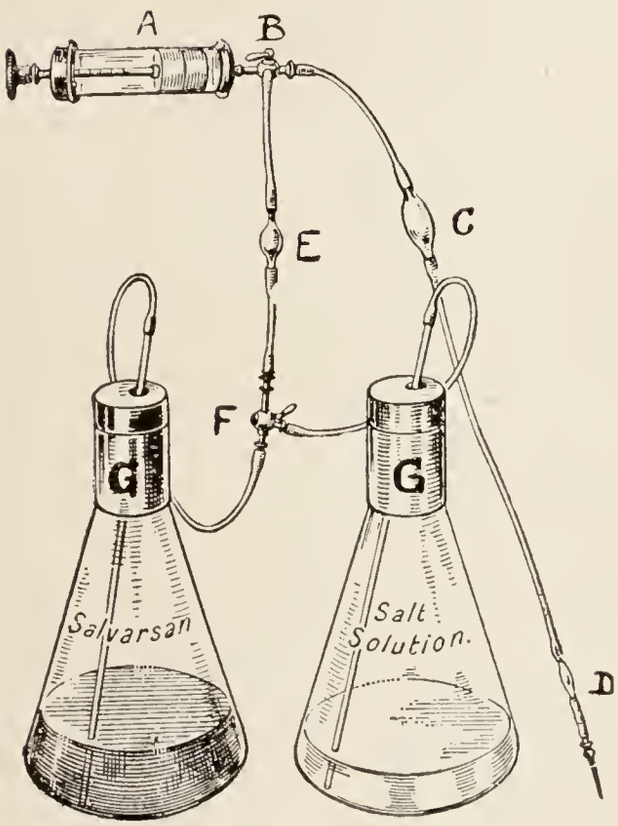
02780	Webster's, consisting of 2 canulæ, 2 needles and Y-piece, in aseptic nickel-plated case with lift-out rack	0	6	9

Infusion Apparatus—Contd.—



02781

No.	Infusion Apparatus for Cholera—	£	s.	d.
02781	Rogers's, for intravenous infusion of hypertonic solution, consisting of graduated glass reservoir, 4 ft. of best red rubber tubing and large and small silver canulæ ($1\frac{1}{2}$ and 2 mm.) ..	1	3	6



02782

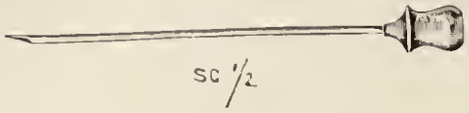
02783

	Infusion Apparatus for Salvarsan (606)—			
02782	Flemming's, consisting of two flasks, two-way stopcock, 20 c.c. syringe, glass observation bulbs, tubing and needle ..	1	10	0
02783	Military Hospital model, consisting of 2 graduated glass cylinders with wire suspension cages and strainer frames, 3 regulating pinch-cocks, glass Y-piece, 6 ft. of tubing, Weintraud's needle with mount, and wire hanger	0	17	6
02784	Do. do. do., with enamelled iron telescopic stand (see page 647)	2	2	0
	"Joha," a preparation of Salvarsan for intra-muscular injection—			
02785	For adults, 1 ccm. = 0·4 of Salvarsan .. .. per tube	0	8	6
02786	Do. $1\frac{1}{2}$ ccm. = 0·6 ,, ... ,,	0	12	6
02787	For children, 1 ccm. = 0·1 of Salvarsan, per packet of 5 tubes ..	0	12	0
02788	Do. 1 ccm. = 0·2 ,, ,, per packet of 3 tubes ..	0	13	0
02789	Syringe, Schindler's, metal and glass, with one blunt and 2 sharp canulæ in nickel-plated case, for the injection of "Joha"	0	7	0

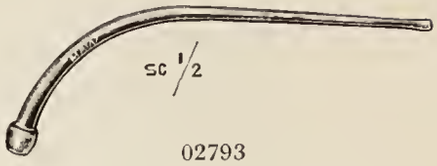
"Joha" is a preparation of Salvarsan ready for immediate use, and does not deteriorate by keeping.

Booklet free on application.

Infusion Apparatus—Contd.—



02790



02793

Infusion Needles—

No.		£	s.	d.
02790	Army pattern, with holes at side	0	1	6
02791	Glass, bulbous	0	0	6
02792	Do. conical	0	0	6
02793	Horrocks's, silver	0	3	6

02794

02794	Lane's, solid nickel, with rectum pipe, in which it can be carried	0	4	6

02795

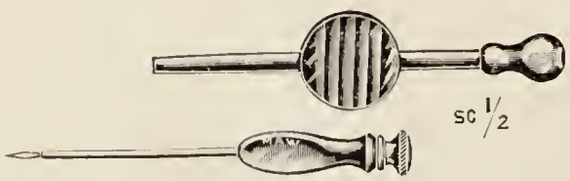
02795	Lang's	0	4	6
02796	Plated, bulbous	0	2	6
02797	Do. conical..	0	2	6
02798	Steel, sharp	0	1	6
02799	Rogers's, silver, 2 sizes .. .. each	0	9	6

02800

02800	Weintraud's, solid nickel, for 606, with plug-in mount	0	2	0

02801

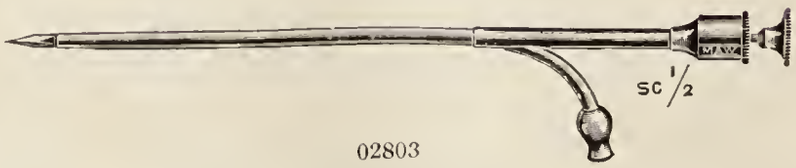
02801	With thumb ring, solid nickel, for 606	0	3	0



02802

Trocars—

02802	Bayley's, with holder	0	5	6



02803

02803	Maguire's, with side branch	0	7	0

DENTAL INSTRUMENTS, FURNITURE, Etc.

02804

No.		£	s.	d.
02804	**Chair,** with movable back and arm rests, elegantly japanned and nickel-plated, upholstered in plush	8	0	0

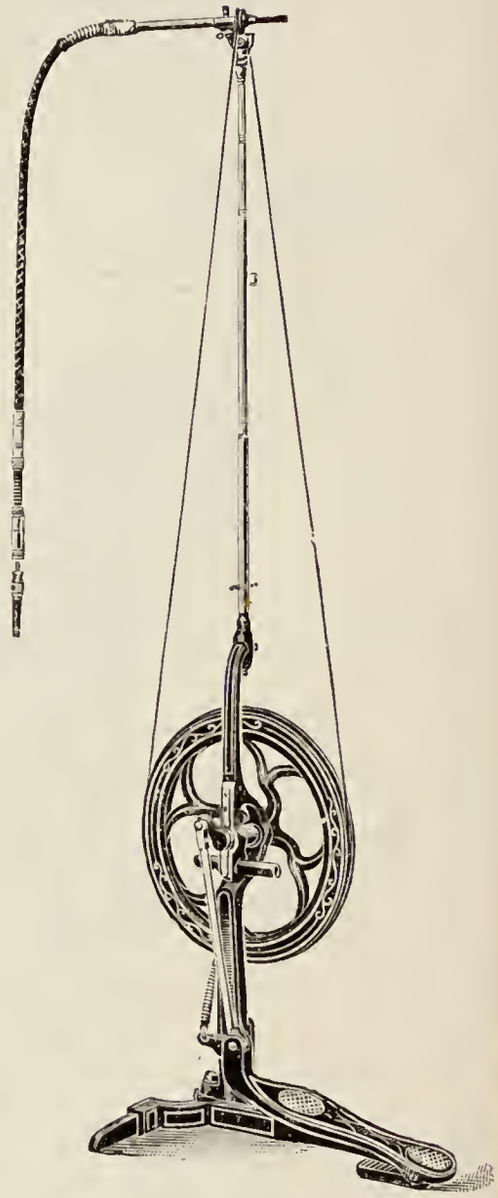
This chair is of very strong construction. On pressure with the foot on the back lever, the back, arms and foot-rest can be swung backwards and adjusted as the surgeon desires. The foot-rest can be lengthened or shortened, and the head-rest can be opened or closed and adjusted to any height or angle.

02805	**Chair** with seat that can be raised or lowered by means of a handle at the side, but in other respects similar to No. 02804 ..	10	10	0
02806	**Chair** with oil-pump base (Wilkinson's pattern), complete with head-rest, adjustable arms and foot-rest, upholstered in red plush, and with all bright parts thickly nickel-plated	20	0	0

Dental Instruments, Furniture, etc.—Contd.—

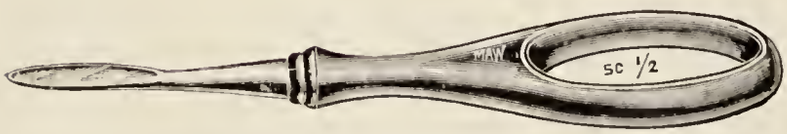
No.		£	s.	d.
	Dental Engine, Parson Shaw's—			
	The characteristic feature of this particular engine is that it has a mandrel enclosed in a metal sheath in place of the ordinary flexible cable. This mandrel is connected with the arm by a flexible elbow, and has at its other end a flexible wrist, to which the hand-piece is joined. This arrangement renders the whole arm more flexible, and the hand-piece much lighter in the hand than does the ordinary form of dental engine. The engine is made with a rocking motion, which renders the upright capable of being tilted either backwards or forwards.			
02807	Complete, with No. 7 handpiece, slip joint attachment and oil can, all bright parts nickel-plated	5	5	0
02808	Do. do. do., with right-angle attachment and slip joint..	6	2	0
02809	Holland cover for do.	0	2	6
02810	**Dental Engine,** S. S. White model, with flexible cable, reinforced sheath, duplex spring connection, No. 7 handpiece and slip joint attachment	5	5	0
02811	Universal angle handpiece for No. 2 slip joint attachment	1	10	0

Dental Engine Instruments, viz., Burs, Drills, Burnishers, Reamers, etc., etc., as listed by the leading Dental Houses, are kept in stock and supplied at moderate prices, but on account of their multiplicity, space cannot be found for them in a small catalogue of this description.



02810

02813



02812

02814

Elevators, in metal handles—

		£	s.	d.
02812	Army pattern, straight	0	4	0
02813	Hospital pattern, right	0	4	0
02814	Do. do., left	0	4	0

Dental Instruments, etc.—Contd.—

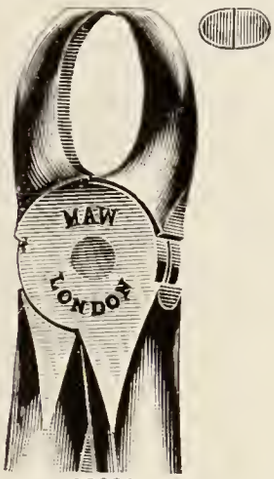
02816

02815

02817

02818

No.	Elevators, in metal handles—Contd.—	£	s.	d.
02815	Thompson's, left	0	4	0
02816	Do. straight	0	4	0
02817	Do. right	0	4	0
02818	Wallis's, with crutch top, for either side	0	4	0
02819	**Files, Dividing,** sizes 000-8 .. .. per doz.	0	3	0
02820	**Floss Silk,** on reels, waxed or unwaxed, per doz. : 8 yds., 3/6 ; 12 yds.	0	4	6



02821

02822

02824

Forceps, for Excision, Splitting, etc., nickel-plated—

02821	For excision of Upper Teeth	0	6	0
02822	For excision of Lower Teeth	0	6	0
02823	For splitting Upper Molar Roots	0	6	0
02824	For splitting Lower Molar Roots	0	6	0

02825

02826

02827

02828

Forceps, for Extracting, nickel-plated—
Circular-jointed Forceps, for Adult Teeth—

02825	For Upper Bicuspids	0	6	0
02826	For Upper Laterals and Bicuspids	0	6	0
02827	For Lower Centrals and Canines	0	6	0
02828	For Lower Bicuspids	0	6	0

Dental Instruments, etc.—Contd.—

02829

02830

02831

02832

Forceps for Extracting, nickel-plated— **Contd.**—

No.		£	s.	d.
	Circular-jointed Forceps, for Adult Teeth—Contd.—			
02829	For Upper Molar stumps, right	0	6	0
02830	For Upper Molar stumps, left	0	6	0
02831	For Upper Molars, right	0	6	0
02832	For Upper Molars, left	0	6	0

02833

02834

02835

02833	For Upper Molars, with broken crown, right	0	6	6
02834	For Upper Molars, with broken crown, left	0	6	6
02835	For Lower Molars, either side	0	6	0

02836

02837

02838

02839

02836	For Lower Wisdoms, either side	0	6	0
02837	For Upper Wisdoms, either side	0	6	0
02838	For Upper Stumps, Canine and Incisor	0	6	0
02839	For Upper Stumps, Bicuspid and Molar	0	6	0

Dental Instruments, etc.—**Contd.**—

02840

02841

02842

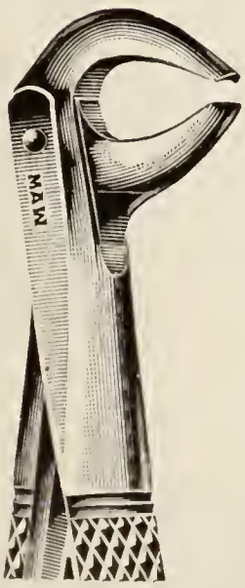
Forceps, for Extracting, nickel-plated—**Contd.**—

No.	Circular-jointed Forceps, for Adult Teeth—Contd.—	£	s.	d.
02840	For Upper Stumps, Molar and Wisdom	0	6	0
02841	For Lower Stumps	0	6	0
02842	For Lower Stumps	0	6	0

02843

02844

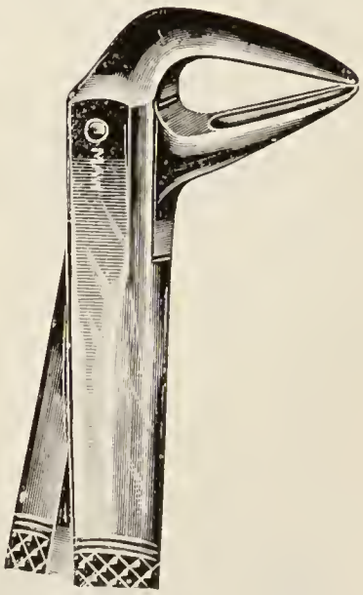
02843	For Lower Molar Stumps	0	6	0
02844	For Lower Stumps, Read's	0	7	0



02845

02846

02847



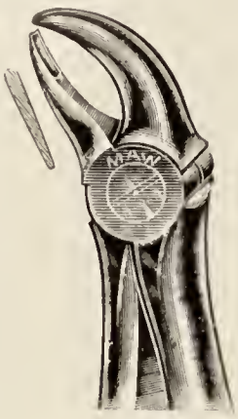
02848

02845	*For Lower Bicuspids, " Hawksbill " pattern	0	7	6
02846	*For Lower Molars, " Hawksbill " pattern	0	7	6
02847	*For Lower Stumps, " Hawksbill " pattern	0	7	6
02848	*For small Stumps and crowded Incisors	0	7	6

Nos. 02845 *to* 02848 *can be supplied with thumb rest at an extra charge of* **1/6** *each.*

* This is not a true circular-jointed forceps, *vide* illustration.

Dental Instruments, etc.—Contd.—



02850

02851

Forceps, for Extracting, nickel-plated—**Contd.**—

Circular-jointed Forceps, for Adult Teeth—Contd.—

No.		£	s.	d.
02849	For crowded Upper Incisors (internally and externally) ..	0	6	0
02850	For crowded Lower Incisors (externally)	0	6	0
02851	For crowded Lower Incisors (internally)	0	6	0

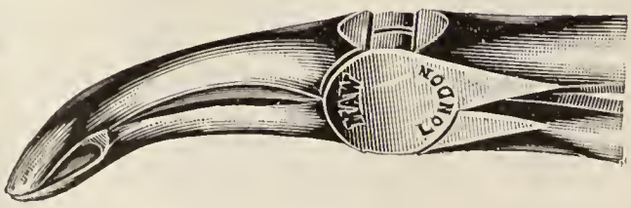
02852

02853

02854

02852	For Upper Stumps, " Longshank " pattern	0	6	0
02853	For Upper Stumps, " Longshank " pattern	0	6	0
02854	For Upper Stumps, " Longshank " pattern	0	6	0

02855

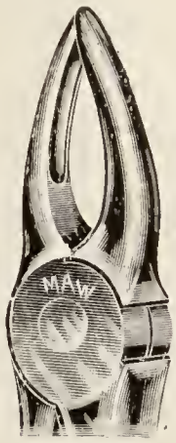


02856

02855	For Lower Stumps, " Longshank " pattern	0	6	0
02856	For Lower Stumps, " Longshank " pattern	0	6	0

Dental Instruments, etc.—Contd.—

02857



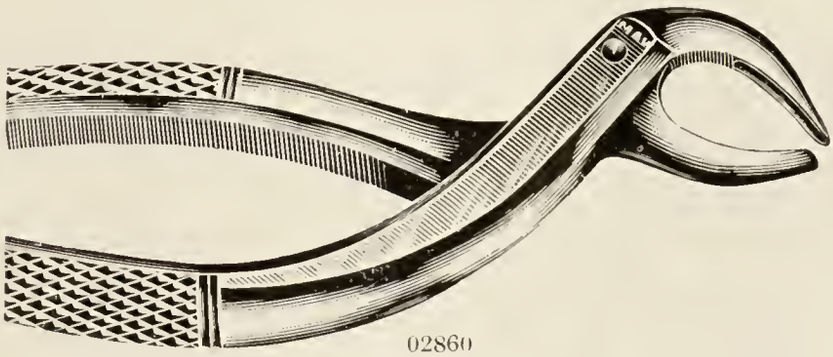
02858

A

02859

Forceps, for Extracting, nickel-plated—**Contd.—**

No.	Circular-jointed Forceps, for Adult Teeth—Contd.—	£	s.	d.
02857	For Upper Molar and Wisdom Roots, Walker's, handle as A	0	7	6
02858	For Upper Stumps, Guy's Hospital model, curved do.	0	7	6
02859	For Upper Fragments	0	6	0



02860

02860	*Universal pattern, for Upper or Lower Teeth, either side ..	0	8	0

02861

02862

02863

02864

Circular-jointed Forceps, for Children's Teeth—

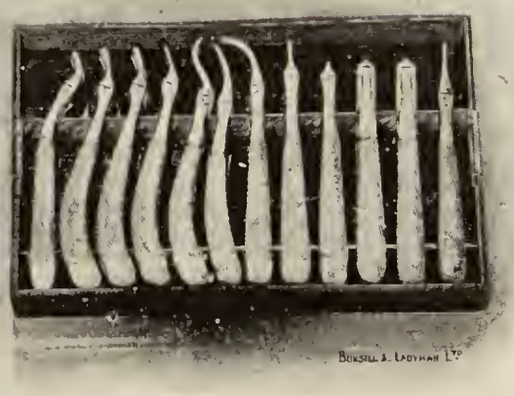
02861	For Upper Incisors	0	6	0
02862	For Lower Incisors	0	6	0
02863	For Upper Molars	0	6	0
02864	For Lower Molars	0	6	0

Forceps, for Extracting, in sets—

02865	Army Regulation Set, consisting of 5 pairs of forceps (lower incisors "Hawksbill," upper molar right, upper molar left, lower molar "Hawksbill" and upper incisor Read's), elevator, mouth mirror, tweezers and probe, in leather pouch..	2	10	0
02866	The Navy Set, consisting of 6 pairs of circular-jointed forceps, chisel, probe, 4 excavators, glass slab, plugger, 2 scalers, spatula, tweezers, mouth mirror, cement for filling, cement liquid, gutta-percha and carbolised resin, in mahogany case	6	15	0

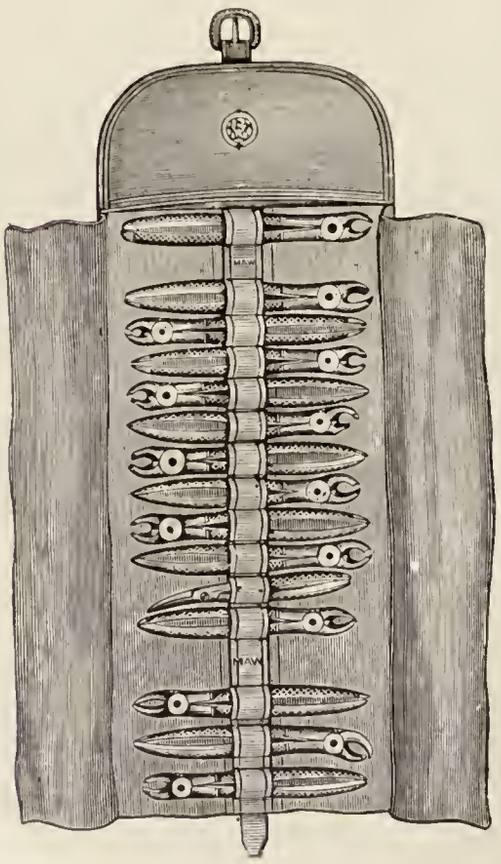
* This is not a true circular-jointed forceps, *vide* illustration.

Dental Instruments, etc.—Contd.—

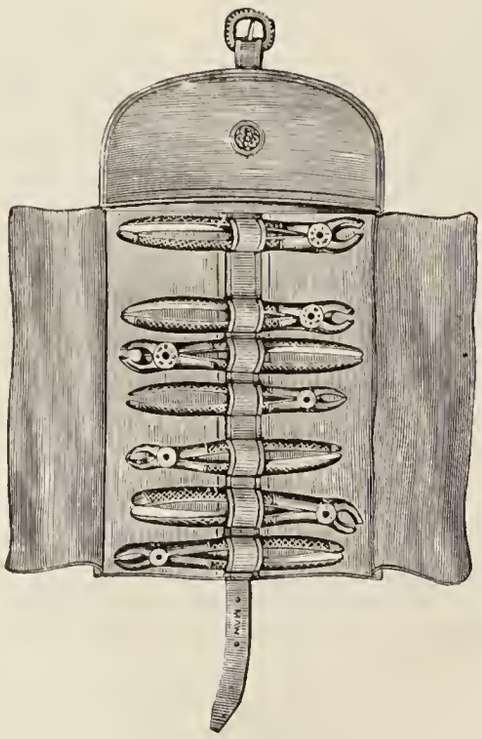


02867

No.	**Forceps,** for Extracting, in sets—**Contd.**—	£	s.	d.
02867	Set, consisting of 15 pairs of circular-joint and "Hawksbill" pattern forceps, 3 elevators, gum lancet, mouth mirror, wool forceps, and 6 scalers, in brass-bound mahogany case ..	7	15	0
02868	Set, consisting of 7 pairs of circular-jointed forceps, viz., Nos. 02826, 02827, 02831, 02832, 02835, 02839 and 02841, in roll up leather pouch	2	5	0



02869 (15 hole).



02869 (7 hole).

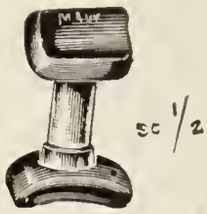
02869 **Forceps Pouches,** Leather—

To hold	7	8	10	12	14	15	16	18
Each	6/-	6/9	8/3	9/9	11/3	12/-	12/9	14/3

Dental Instruments, etc.—Contd.—

02870

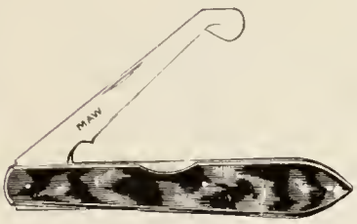
02871



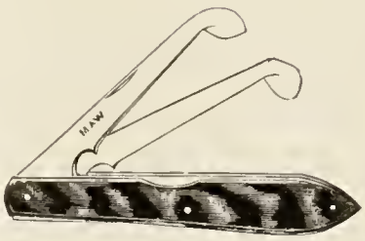
02874

02875

No.	Gags or Mouth Props—	£	s.	d.
02870	Aluminium	0	2	6
02871	Buck's, adjustable, with india-rubber pads	0	3	0
02872	Dent's, self-expanding, nickel-plated (for illustration see page 334)	0	7	6
02873	Hardwood	0	1	0
02874	Hewitt's, with india-rubber pads	0	1	6
02875	Vulcanite, with india-rubber blocks..	0	3	0



02876



02877

Gum Lancets, folding—

02876	One blade with lock back	0	3	9
02877	Two blades do. do.	0	6	6

The above Lancets are now supplied with metal scales instead of shell, unless specially ordered to the contrary.

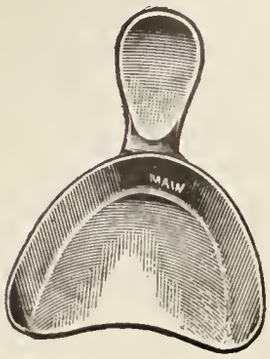
02878	**Impression Composition** .. .. per lb.	0	2	0

02880

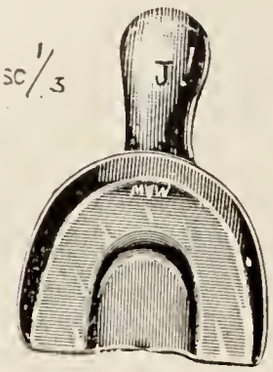
Modelling Wax, Pink, Maw's, in 1-lb. card boxes—

02879	No. 2 .. .. per lb.	0	2	6
02880	No. 3 .. .. ,,	0	2	0

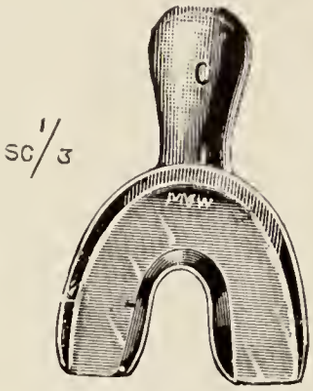
Dental Instruments, etc.—Contd.—



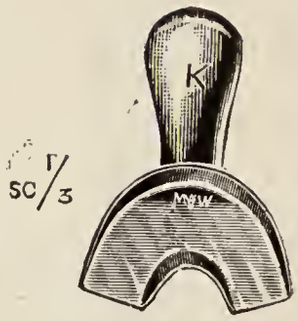
02881



02882



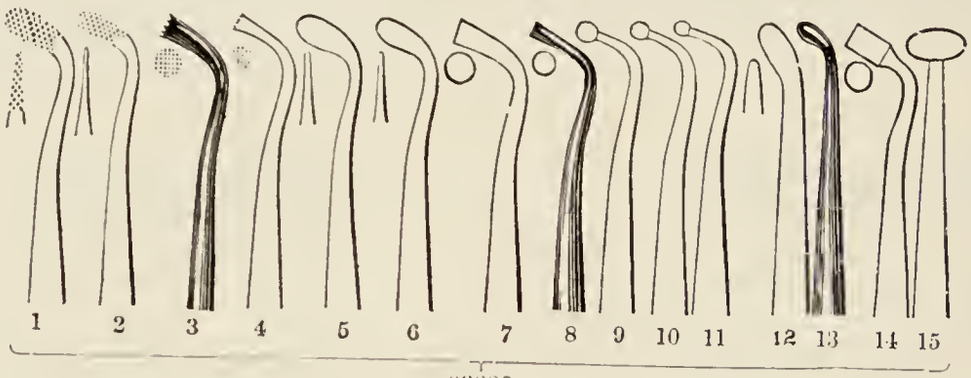
02883



02884

No.	**Impression Trays,** Britannia metal—	£	s.	d.
02881	For upper jaw, 4 sizes, Nos. 0-4	0	1	6
02882	Do. with narrow plate, 4 sizes, Nos. 0-4	0	1	6
02883	Do. 4 sizes, Nos. 0-4	0	1	6
02884	For upper and lower front pieces, etc., 3 sizes, Nos. 1-3.. ..	0	1	6

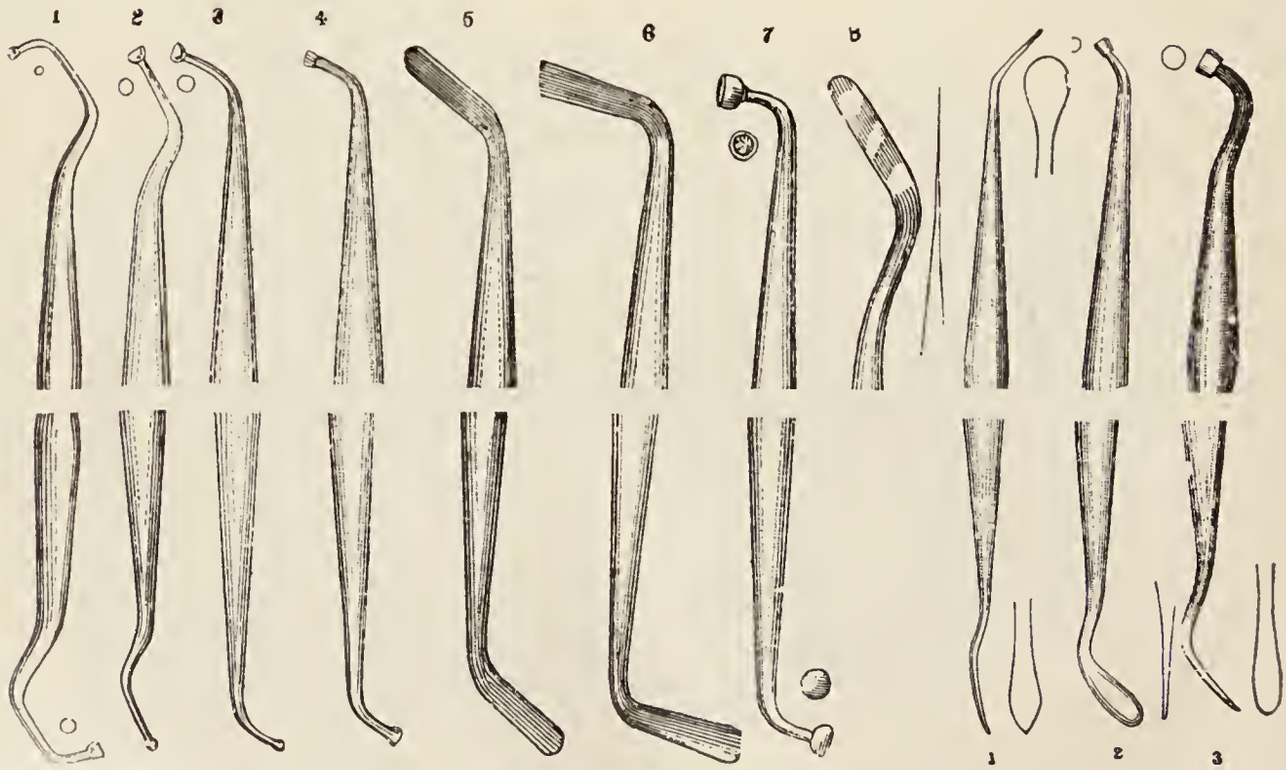
A large variety of other shapes kept in stock.



02885

Hand Instruments, with nickel-plated octagon handles—
Amalgam Filling Instruments—

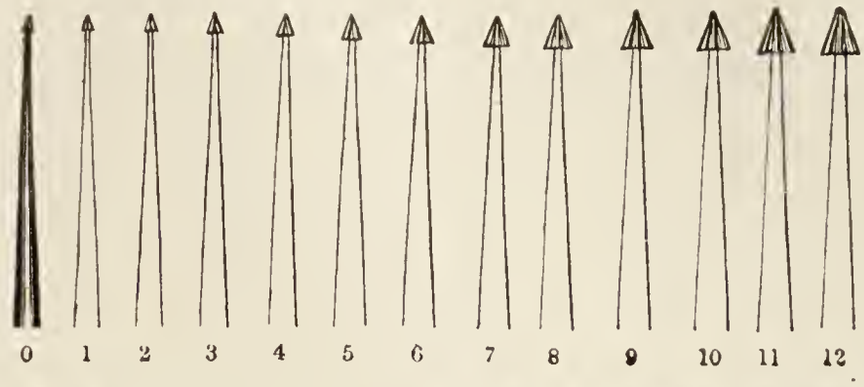
02885 Arrington's, 1-15 .. .. .. each, 1/- ; per set 0 13 6



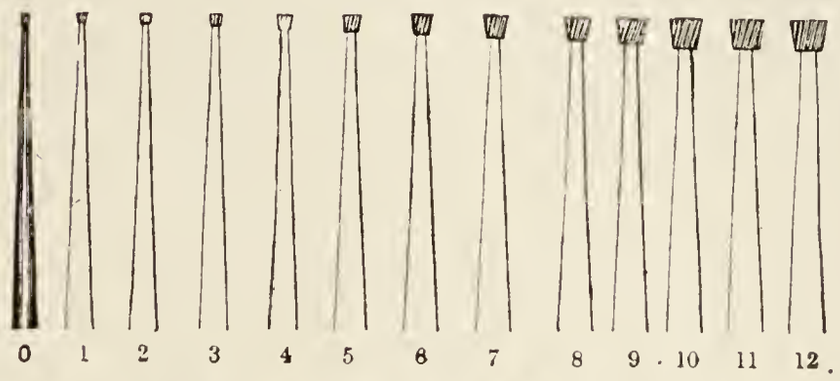
02886 02887

02886 Ladmore's, for plastic filling, 1-8 .. .. each, 1/6 ; per set 0 10 6
02887 Woodson's, 1-3 .. „ 1/6 ; „ 0 4 0

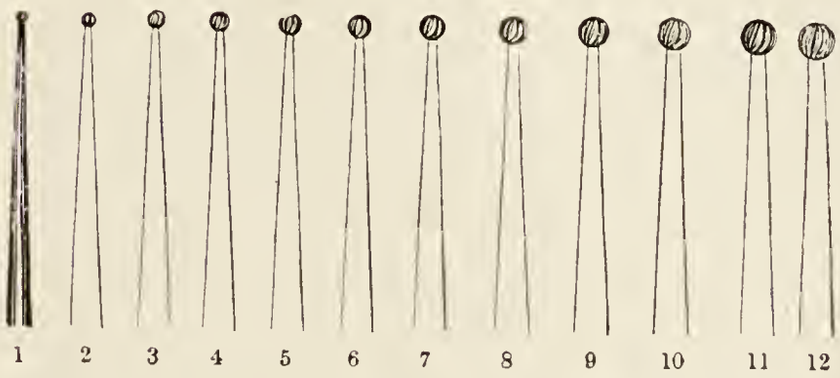
Dental Instruments, etc.—Contd.—



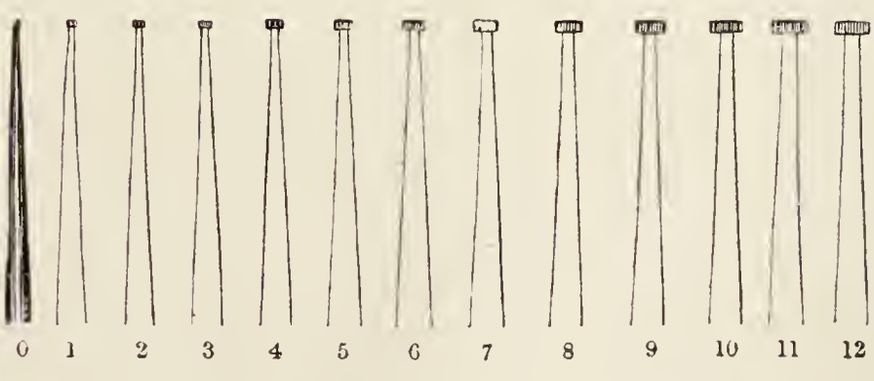
02888



02889

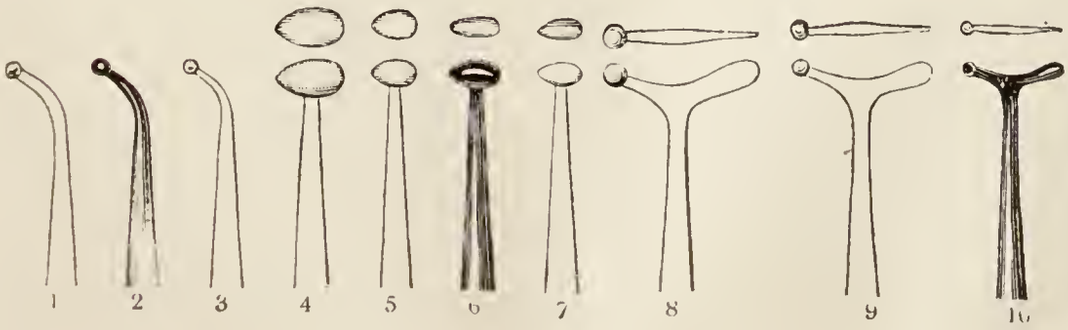


02890



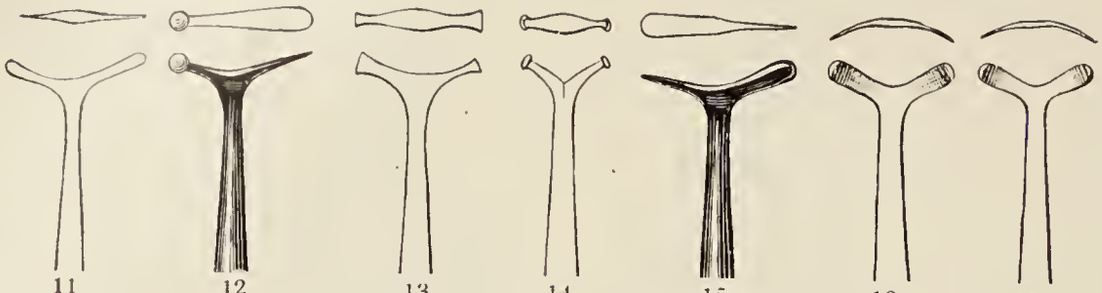
02891

No.	**Hand Instruments,** with nickel-plated octagon handles—**Contd.**—	£	s.	d.
02888	Burs, Cone, 1-12 .. .. each, -/9; per set	0	8	0
02889	Do. Inverted cone, 1-12 .. .. .. ,, -/9; ,,	0	8	0
02890	Do. Round, 1-12 .. .. ,, -/9; ,,	0	8	0
02891	Do. Wheel, 1-12 .. .. ,, -/9; ,,	0	8	0



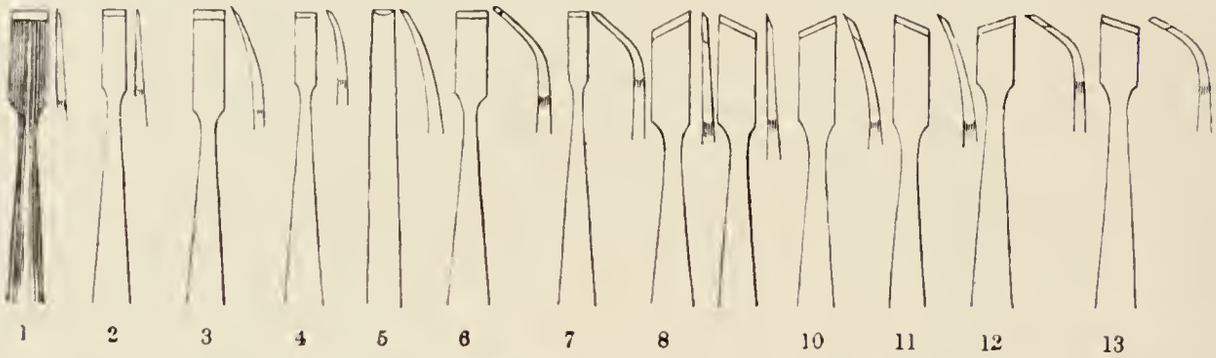
02892

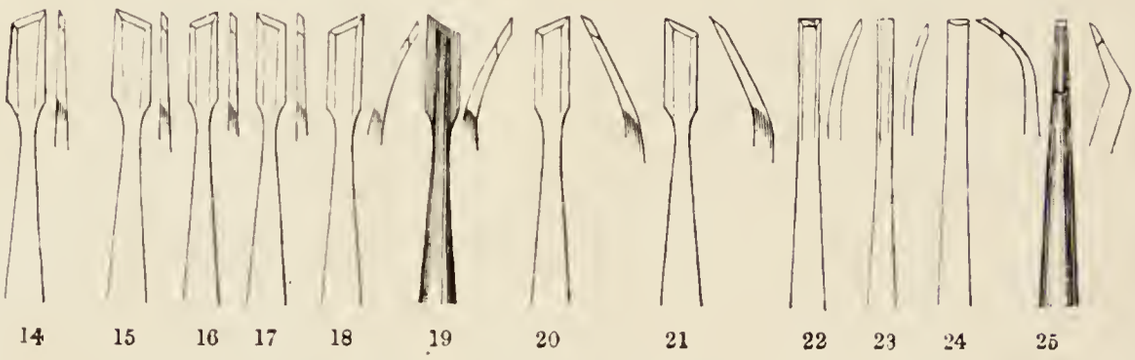
Dental Instruments, etc.—Contd.—



02892

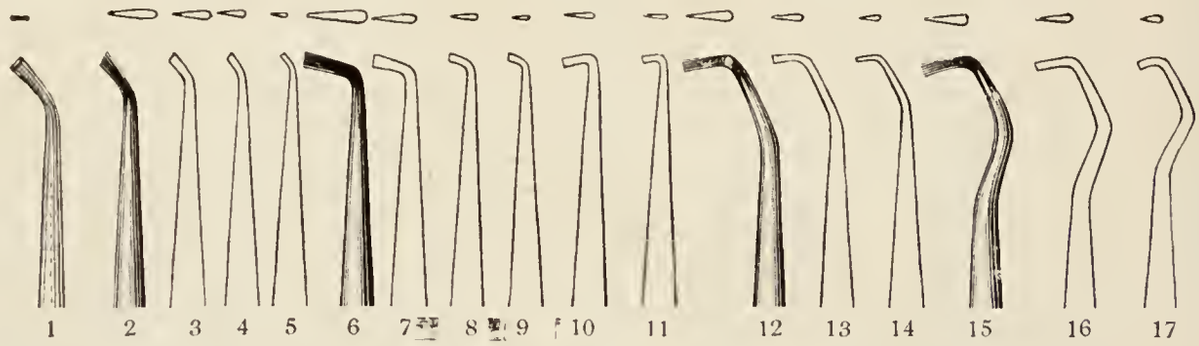
No.	**Hand Instruments,** with nickel-plated octagon handles—**Contd.**—	£	s.	d.
02892	Burnishers, 1-17 .. .. each, **1/-**; per set	**0**	**15**	**6**

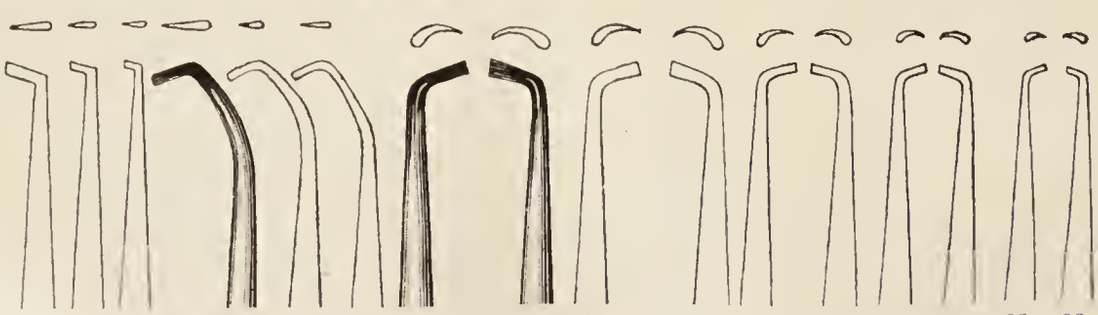




02893

02893	Chisels, 1-25 .. .. each, **1/-**; per set	**1**	**3**	**0**



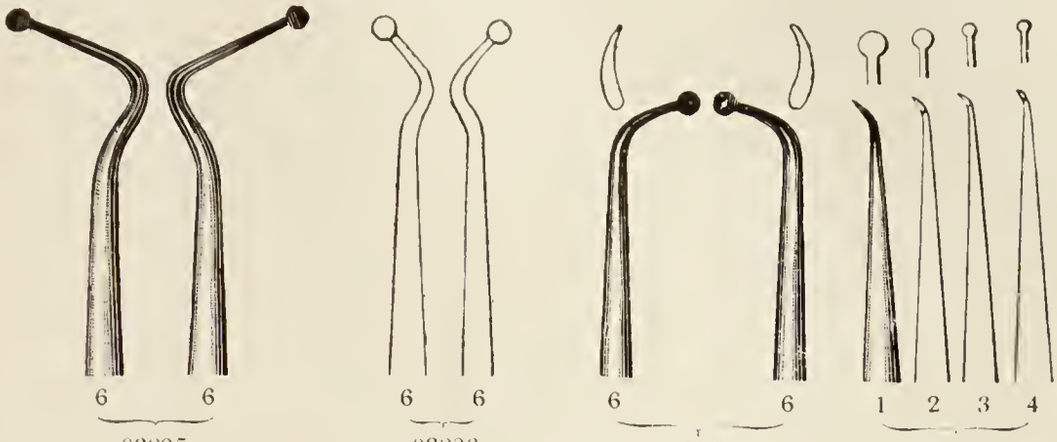


02894

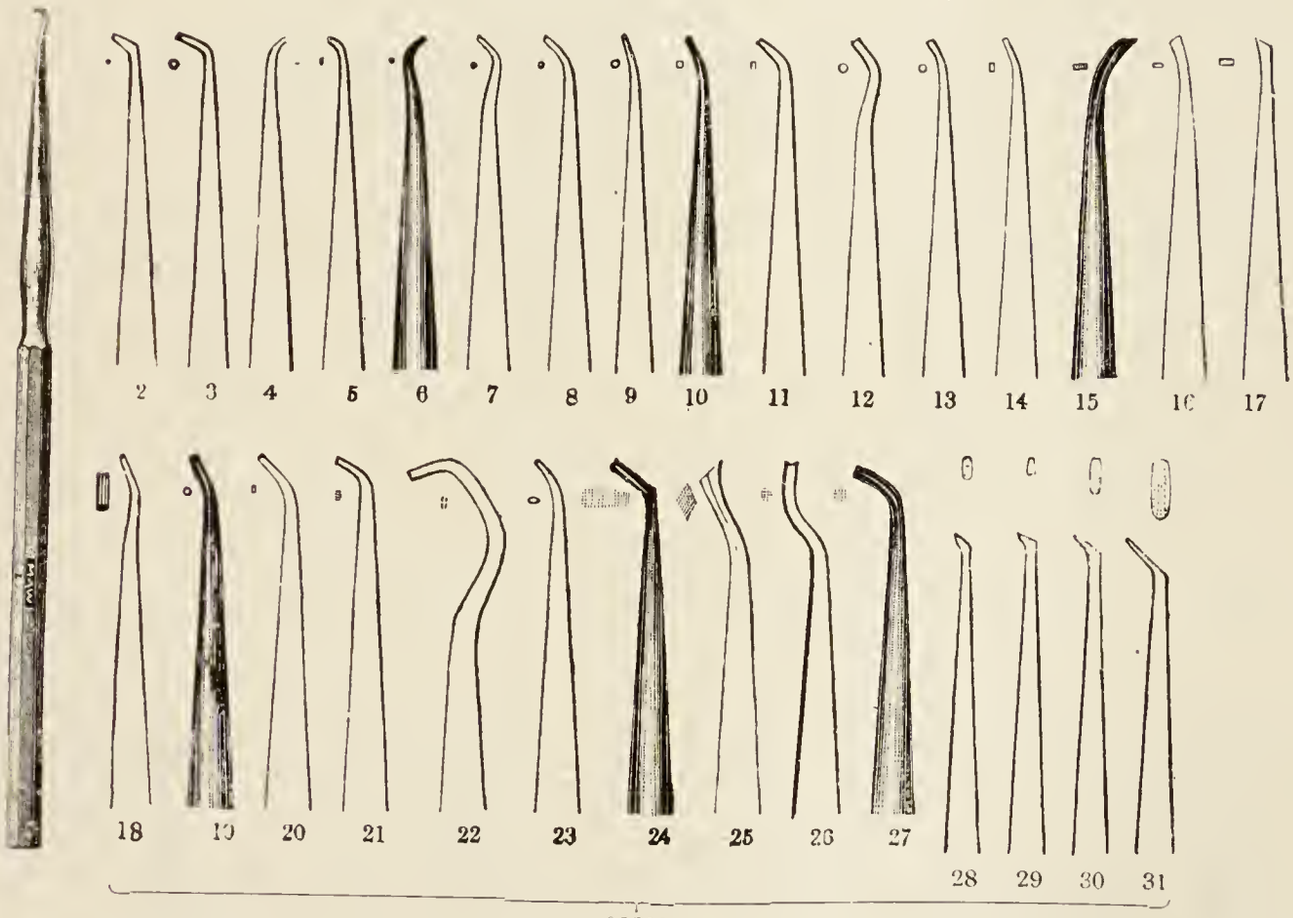
02894	Excavators, 1-33 .. .. each, **-/6**; per set	**0**	**15**	**0**

All the above Instruments have handles as full length Instrument shown on page 315.

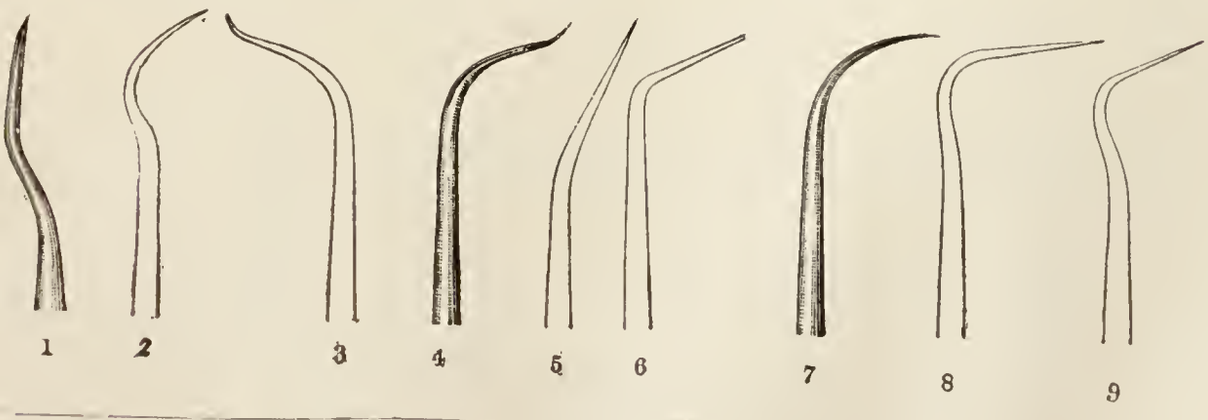
Dental Instruments, etc.—Contd.—



No.	Hand Instruments, with nickel-plated octagon handles—Contd.—	£	s	d.
02895	Excavators, right or left, sizes 1-6 .. .. each, -/7; per set	0	3	3
02896	Do. do., 1-6 .. .. ,, -/7; ,,	0	3	3
02897	Do. do., 1-6 .. .. ,, -/7; ,,	0	3	3
02898	Do. sizes 1-4 .. .. ,, -/7; ,,	0	2	3

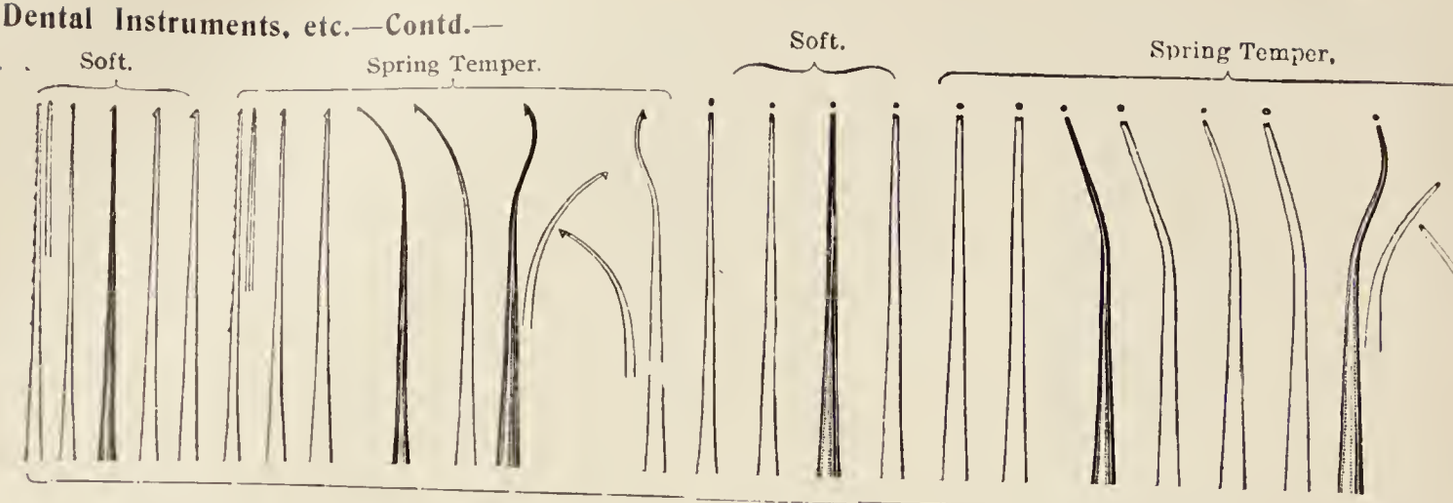


02899 Hand Pluggers, Darby's, 1-31 .. .. each, 1/-; per set 1 8 0



02900 Nerve Probes, 1-9 .. .. each, -/6; per set 0 4 0

Dental Instruments, etc.—Contd.—

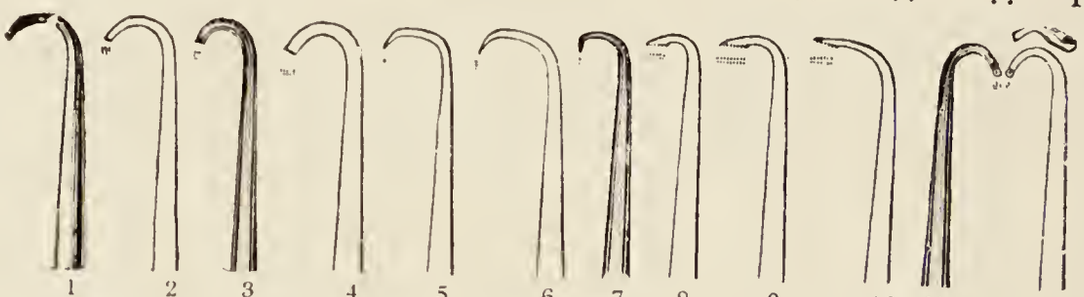


02901

No.		£	s.	d.
02901	**Hand Instruments,** with nickel-plated octagon handles—**Contd.**— Nerve Instruments, Arrington's, 1-24 .. each, -/8 ; per set	0	14	0

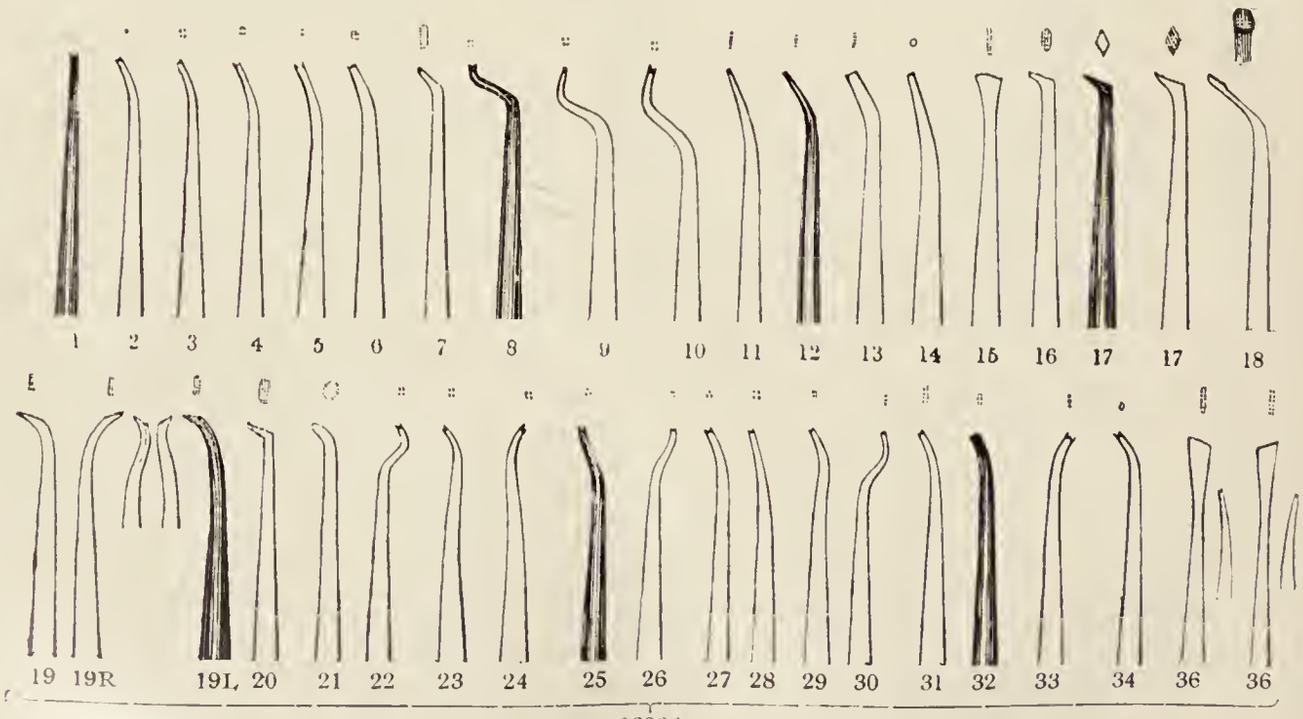
02902

02902 Mallet, Abbott's Automatic, back action 1 0 0



02903

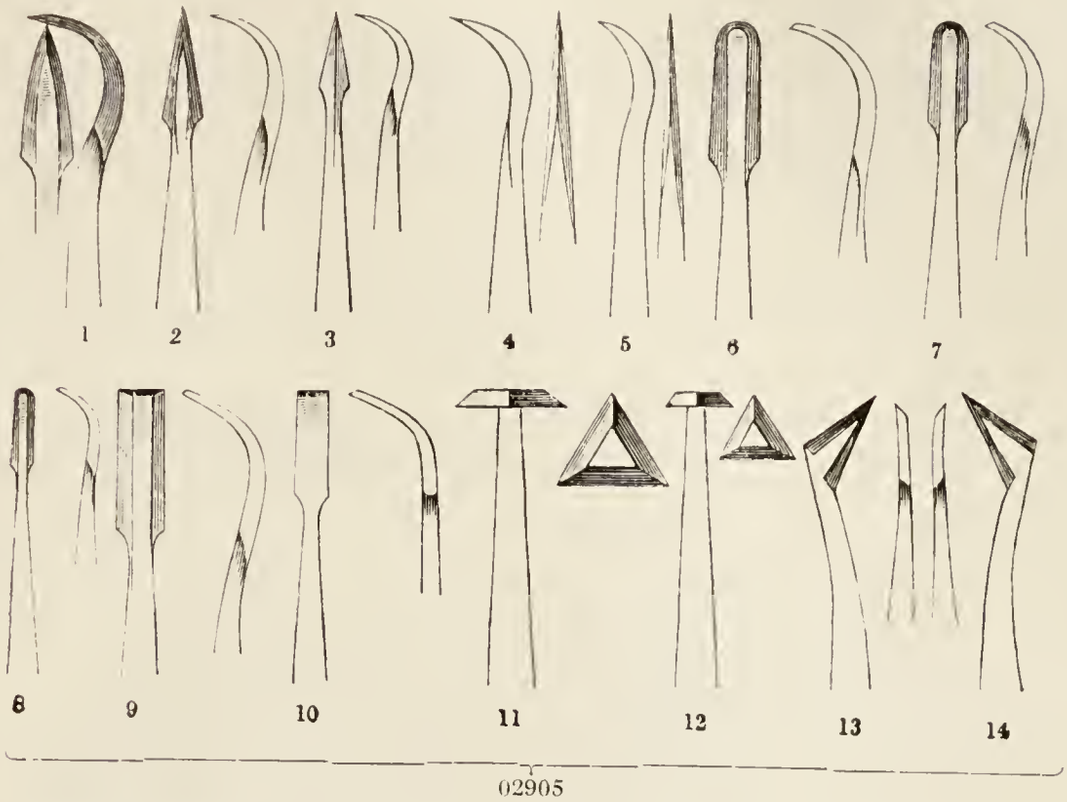
02903 Points, for Automatic Mallets, 1-12 .. each, 1/- ; per set 0 11 0



02904

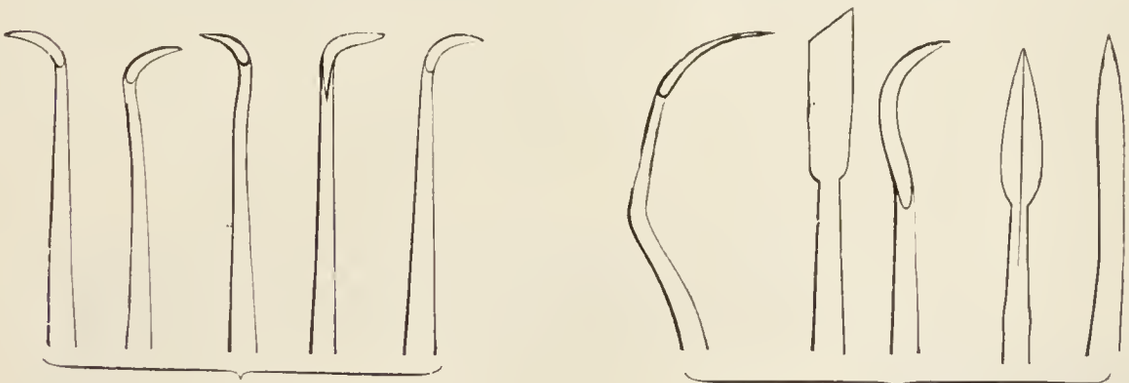
02904 Points, for Automatic Mallets, Snow and Lewis's, 1 36 each, 1/- ; per set 1 13 0

Dental Instruments, etc.—Contd.—



02905

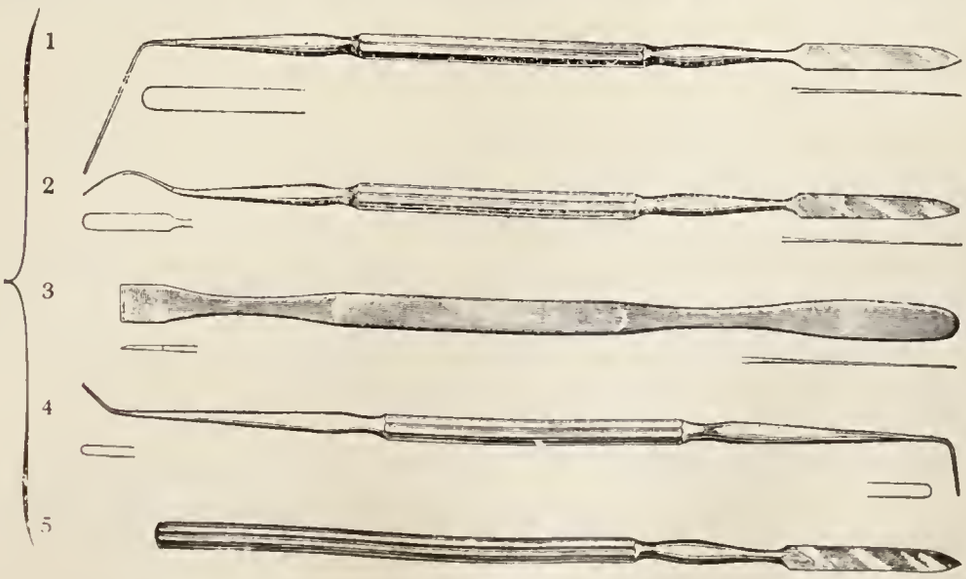
No.		£	s.	d.
	Hand Instruments, with nickel-plated octagon handles—**Contd.**—			
02905	Scalers, 1-14 .. .. each, **1/-**; per set	0	12	6



02906 02907

02906	Scalers, 1-5 (Howe's) .. .. each, **1/-**; per set	0	4	6
02907	Do. 1-5 .. .. ,, **1/-**; ,,	0	4	6

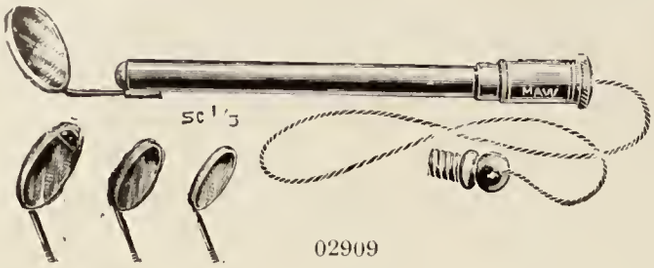
All the above Instruments have handles as full length Instrument shown on page 315.



02908

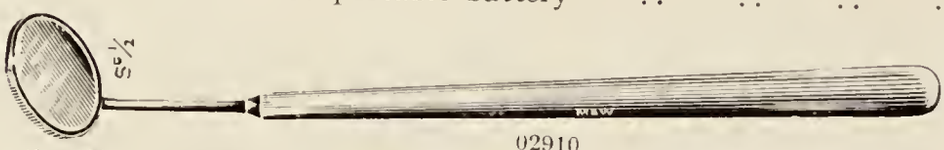
02908	Spatulæ, **1-5** .. .. each, **1/6**; per set	0	6	6

Dental Instruments, etc.—Contd.—



02909

No.		£	s.	d.
02909	**Lamp,** electric, portable, with 4 mirrors, cable and terminal for use with No. 01837 portable battery	0	8	6



02910

Mouth Mirrors, with metal handles—

02910	Magnifying	0	1	6
02911	Plane	0	1	6

02912

02913

Plaster of Paris, superfine—

02912	In tins, with lever lids, 4 sizes, per doz., 1 lb., 3/6; 3 lbs., 6/6; 7 lbs., 11/6; 14 lbs.	1	0	0
02913	In strong paper bags, containing 7 lbs. each (not less than ½ cwt. supplied) .. .. per cwt.	0	7	6

Special prices will be submitted for large quantities.

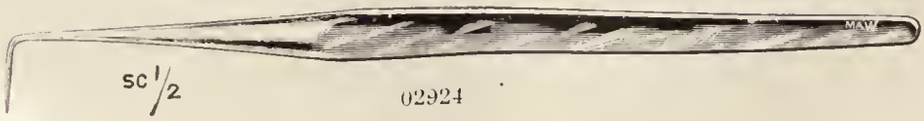
02914

02917

02918

Spittoons—

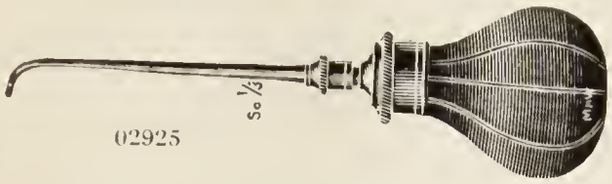
02914	Blue or Green Glass, 8 in.	0	1	9
02915	Enamelled Iron	0	2	2
02916	Do. do., with Lift-off Top	0	2	0
02917	Majolica	0	3	6
02918	**Sterilising Vase,** clear glass, with 3⅜ in. base	0	1	3
	Stopping—			
02919	Amalgam, Maw's .. .. per oz.	0	15	0
02920	Gutta-percha, white enamelled, in sheets, each weighing 4 oz. per sheet	0	5	2
02921	Do. do., in large sticks .. per doz.	0	7	0
02922	Do. do., in small sticks .. per ¼ lb.	0	5	2
02923	Do. do., Antiseptic, in small sticks per doz.	0	1	6



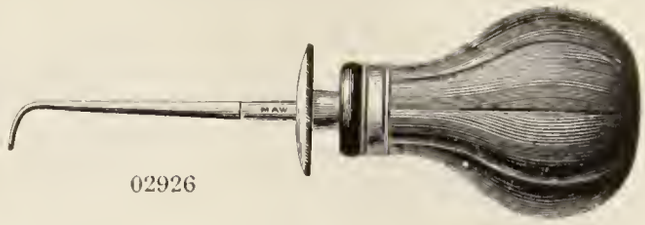
02924

02924	**Stump Probe,** Moon's, nickel-plated	0	1	6

Dental Instruments, etc.—Contd.—

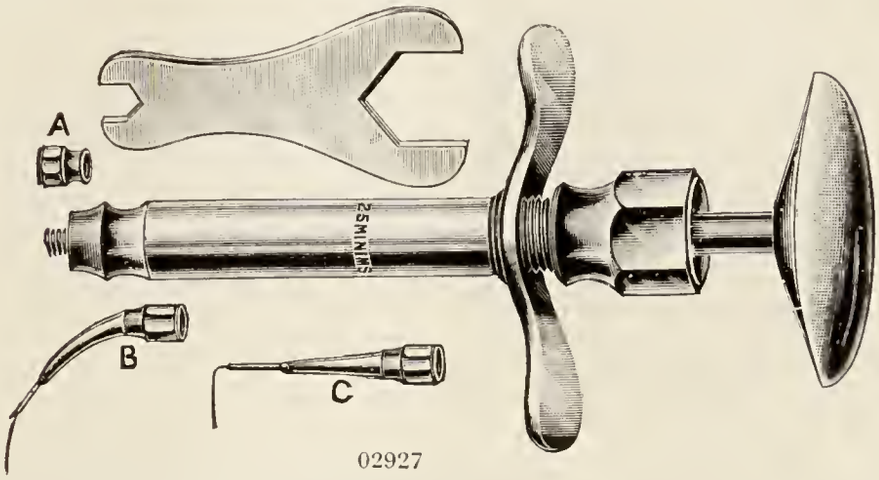


02925



02926

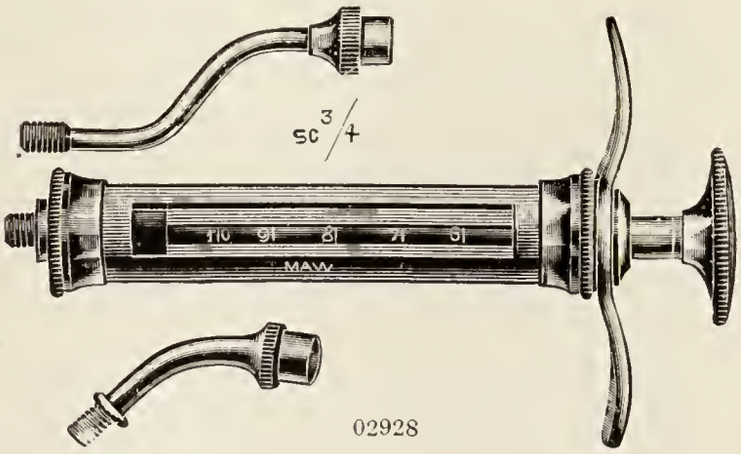
No.	**Syringes,** with india-rubber bulbs—	£	s.	d.
02925	Chip Syringe, 1 oz., with slip-off pipe	0	3	0
02926	Hot Air Syringe, 1 oz., with silver pipe	0	3	0
02926a	Root Dressing Syringe, 100 minims, with platinum pipe.. ..	0	4	0



02927

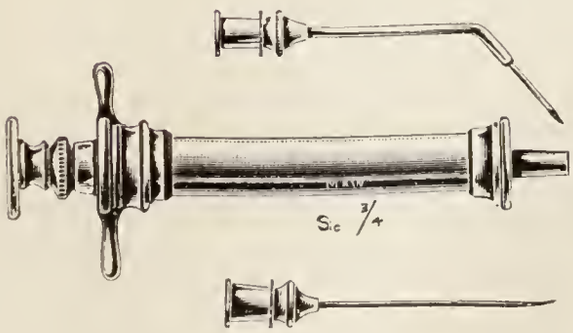
Syringes, Hypodermic—

02927	All metal, with crutch handle, in card case	0	4	6

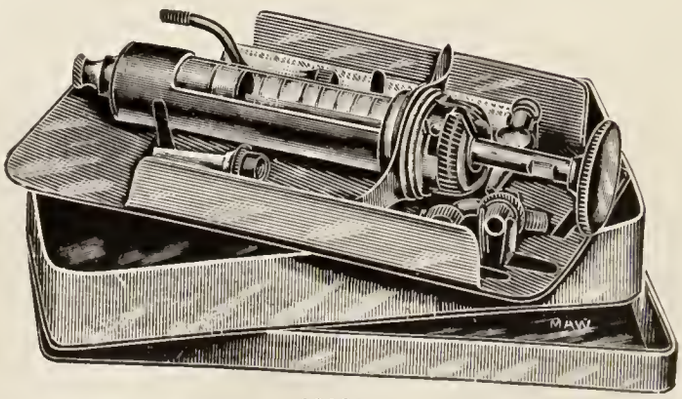


02928

02928	Metal and glass with 2 junctions, 3 needle mounts, and 12 aseptic interchangeable needles, in leather case	0	6	0



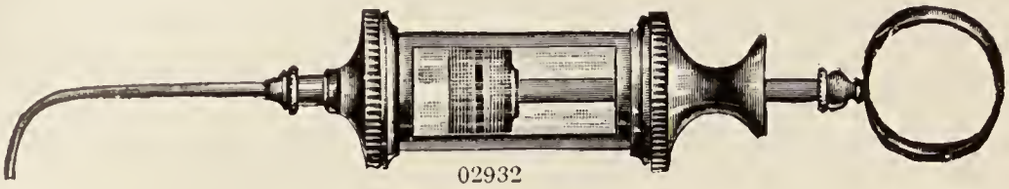
02929



02930

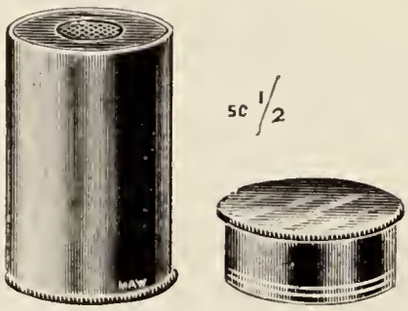
02929	All metal, with metal piston and two screw-on needles, straight and angular	0	4	6
02930	"Record," with set of 6 mounts and 12 aseptic interchangeable needles, in aseptic metal case	0	11	6

Dental Instruments, etc.—Contd.—



02932

No.	Syringes, Water—	£	s.	d.
02931	All metal	0	4	0
02932	Metal and glass	0	3	6
02933	"Record," with straight and curved pipes	0	13	6



02934

02934	**Tragacanth Sprinkler,** nickel-plated	0	3	0

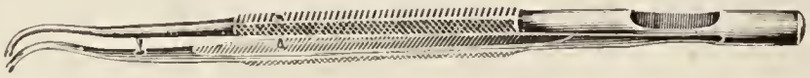
02935

02936

02937

Tweezers—

02935	With sharp points and flat sides,	Curved	0	2	6
02936	Do.	do.	Angular	0	2	6
02937	Do.	do.	do.	0	2	6



02938

02939

02940

02938	With bifurcated points and hexagonal sides,	Curved	0	3	0
02939	Do.	do.	Angular	0	3	0
02940	Do.	do.	Do.	0	3	0

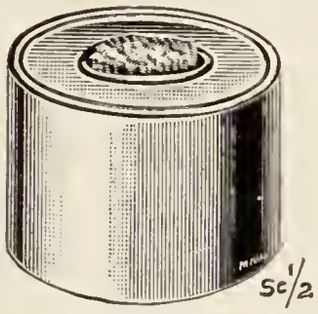
02941

02941	Derenberg's, for removing loose and temporary teeth, dressings, etc.	0	7	6

Dental Instruments, etc.—Contd.—

02942

No.	Tweezers—Contd.—	£	s.	d.
02942	Rich's, with holes in sides to lighten the weight	0	2	6
02943	Do. do., with backward curve as No. 02938	0	2	6



02944

02945

	Wool Boxes, nickel-plated—			
02944	For clean wool, with spring bottom	0	3	0
02945	For used wool	0	3	3

02946

02946	**Cabinet** for Dental Instruments, polished mahogany, with lock and key..	3	3	0

Sets of Dental Instruments, as supplied to the dental students at Guy's, London Dental and other Hospitals .. .. Prices on application

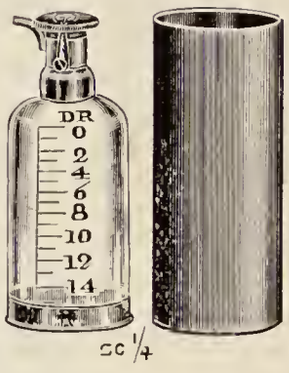
Mechanical tools, lathes, furnaces, vulcanizers, etc., etc., although not kept in stock, can be supplied at the usual wholesale prices at a few hours' notice.

ANÆSTHESIA APPARATUS.

02947

02948

02949



02950

Chloroform Drop Bottles—

No.		£	s.	d.
02947	Bloxam's, 2 oz., graduated to minims, in leather case	0	3	6
02948	Dudley Buxton's, with grooved stopper, graduated to drachms, in leather case, 2 sizes .. .. .. 2 oz., 2/- ; 4 oz.	0	3	0
02949	Esmarch's, with screw metal mount	0	4	6
02950	Hewitt's, glass, with metal foot and nickel-plated cover 2 oz., 9/3 ; 4 oz.	0	10	0

02951

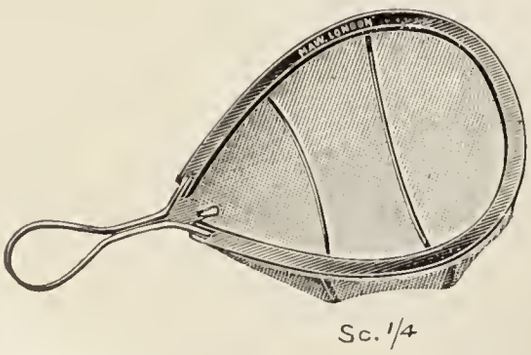
02953

02954

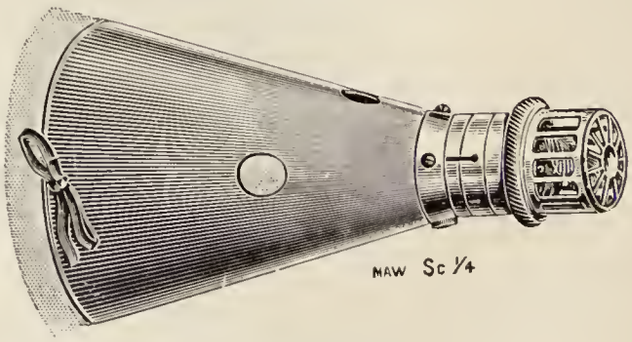
02955

02956

02951	Hewitt's, all metal, nickel-plated .. .. 2 oz., 7/6 ; 4 oz.	0	8	6
02952	Maw's, with metal stopper, graduated to drachms, in leather case, 3 sizes .. .. 1 oz., 2/6 ; 2 oz., 3/- ; 4 oz.	0	3	6
02953	Do. do., without case .. 1 oz., 2/- ; 2 oz., 2/3 ; 4 oz.	0	2	6
02954	Skinner's, 4 oz., in leather case	0	4	6
02955	Symon's, 2 oz., graduated to drachms, in leather case.. ..	0	6	6
02956	Thomas's, 2 oz., graduated to drachms, in leather case.. ..	0	6	9



02957

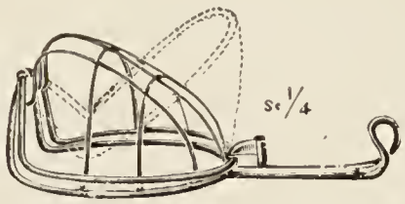


02958

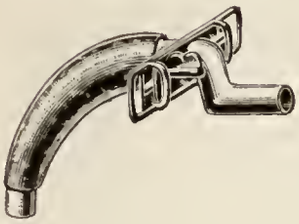
Chloroform Inhalers and Masks—

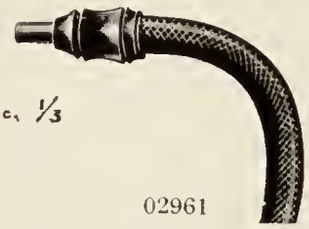
02957	Esmarch's Mask, nickel-plated, with domette cover	0	4	0
02958	The "Hyderabad," with feather indicator	0	15	0

Anæsthesia Apparatus—Contd.—



02959

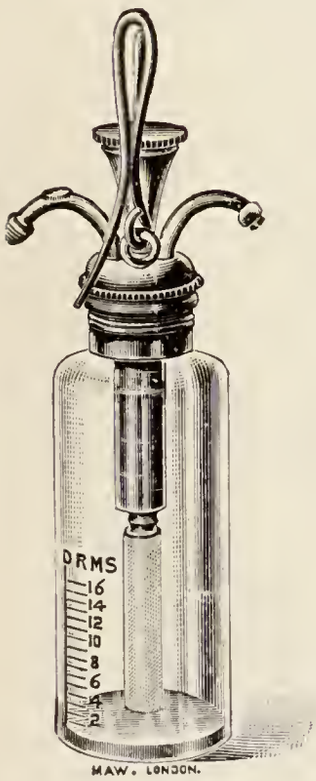




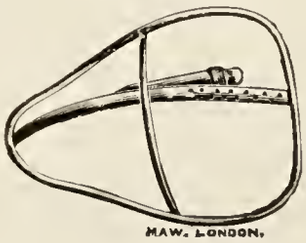
02961

Chloroform Inhalers and Masks—Contd.—

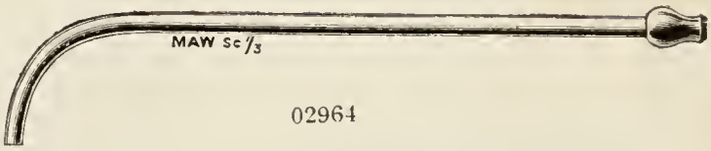
No.		£	s.	d.
02959	Impey's Mask, hinged	0	4	0
02960	Hahn's Canula, with compressed sponge for administering chloroform through the trachea during operation on the larynx, 4 sizes, Nos 26, 30, 34 and 38.. .. .. each	1	1	0
02961	Do. do., complete with chloroform apparatus .. ,,	1	12	6



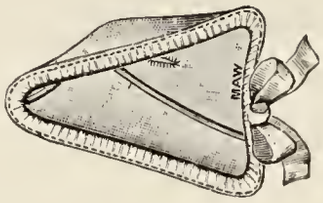
02962



02963



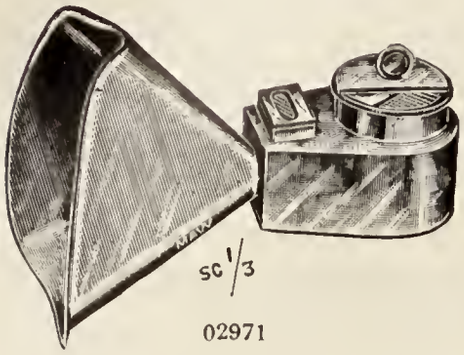
02964



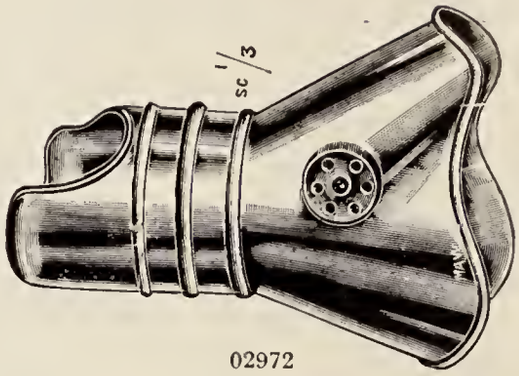
02969

	Junker's Apparatus, as modified by Dudley Buxton, consisting of—			
02962	Buxton's Improved Bottle, graduated to 16 drachms ..	0	11	6
02963	Buxton's Metal Face Piece, with flannel cover	0	8	0
02964	Metal Tube, for mouth operation	0	1	0
02965	Complete, with bellows and tubing, in leather-covered case	1	10	0
02966	Junker's Original Apparatus, consisting of vulcanite face piece with indiarubber cushion, metal tube for mouth operations, graduated bottle, india-rubber tubing and bellows, complete in leather-covered case	1	12	6
02967	Double Nose Piece, india-rubber, for administration through nose	0	2	6
02968	Junker's Face Piece, vulcanite, with india-rubber cushion ..	0	13	0
02969	Murray's, nickel-plated, with cover, as used at Middlesex Hospital	0	4	0
02970	Do. do. do., folding	0	6	0

Anæsthesia Apparatus—Contd.—

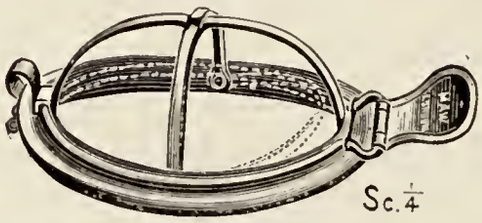


02971

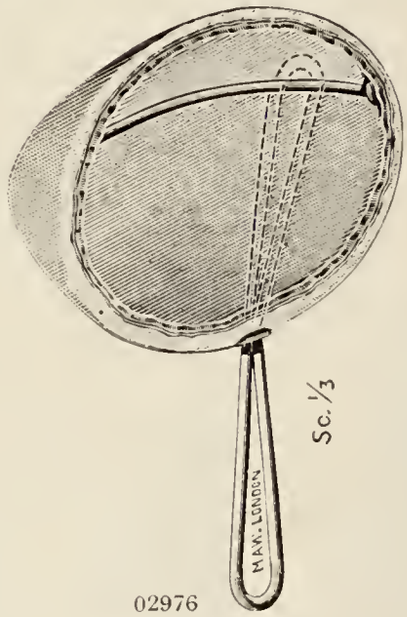


02972

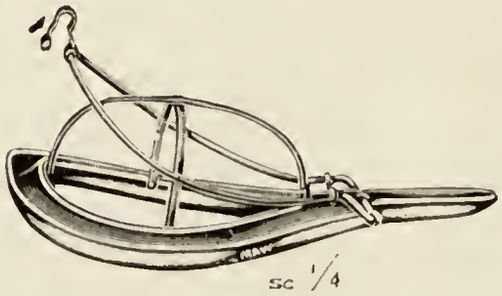
No.	**Chloroform Inhalers—Contd.—**	£	s.	d.
02971	Murphy's, orinasal, especially recommended for midwifery cases	0	17	6
02972	Roth Draeger's, aseptic, 2 sizes .. .. each	0	14	6



02973

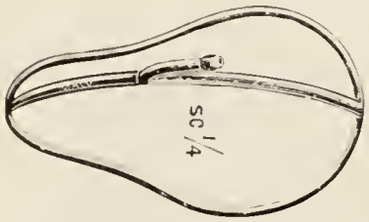


02976

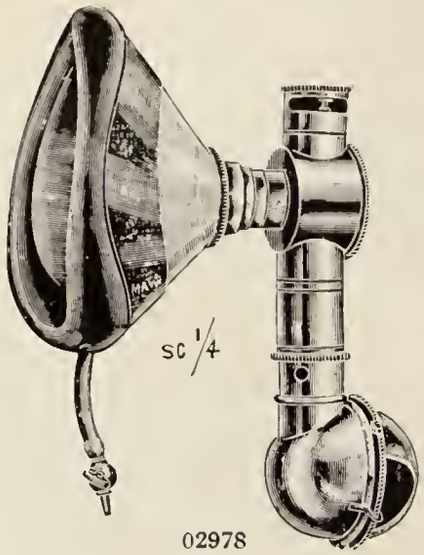


02974

02973	Schimmelbusch's, with hinged frame, for holding lint, 2 sizes, each	0	3	9
02974	Do. do. do., improved model	0	3	9
02975	Skinner's Folding Frame, with 2 domette and 1 silk covers ..	0	8	6
02976	Do. do. do., light model, with 2 domette covers, sponge and cloth bag	0	3	6



02977



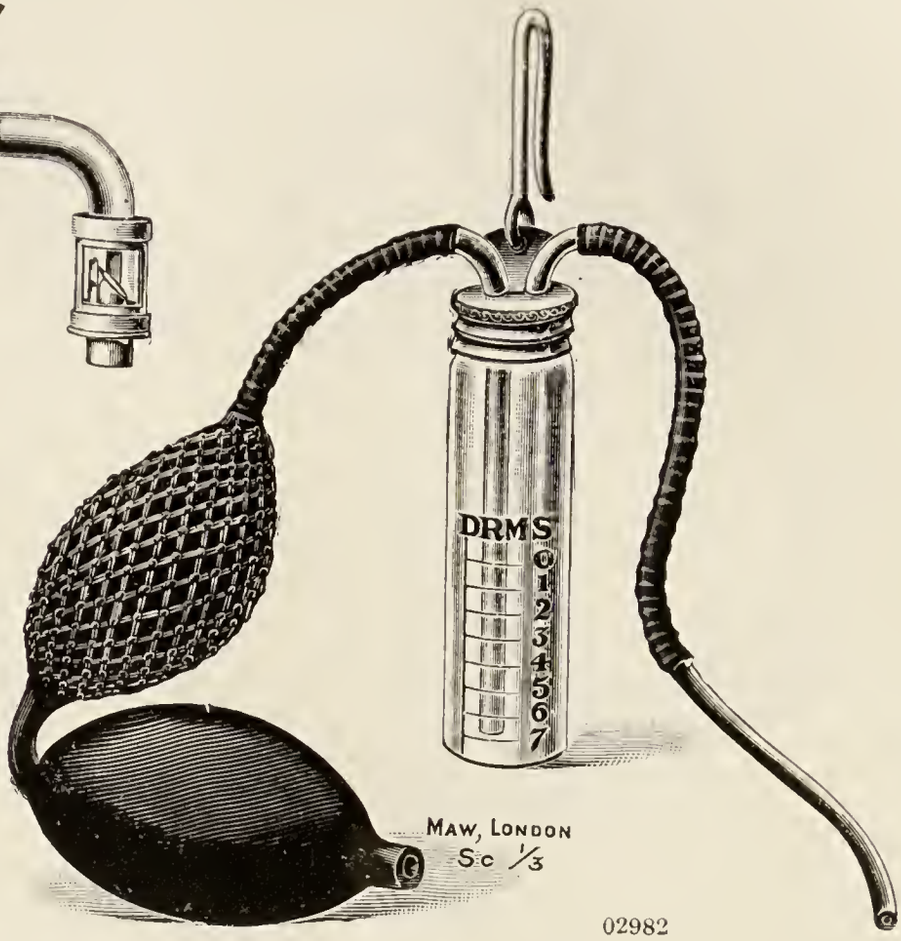
02978

02979

02977	Tyrrell's Face Piece, for use with apparatus No. 02965, complete with cover	0	6	0
02978	Universal Inhaler for Chloroform, Ether or A.C.E. mixture, nickel-plated, with celluloid face piece and india-rubber cushion ..	1	17	6
02979	Vajna's Glass Face Piece, for use with apparatus No. 02965 ..	0	15	6
02980	Do. do. do., unfitted	0	5	6

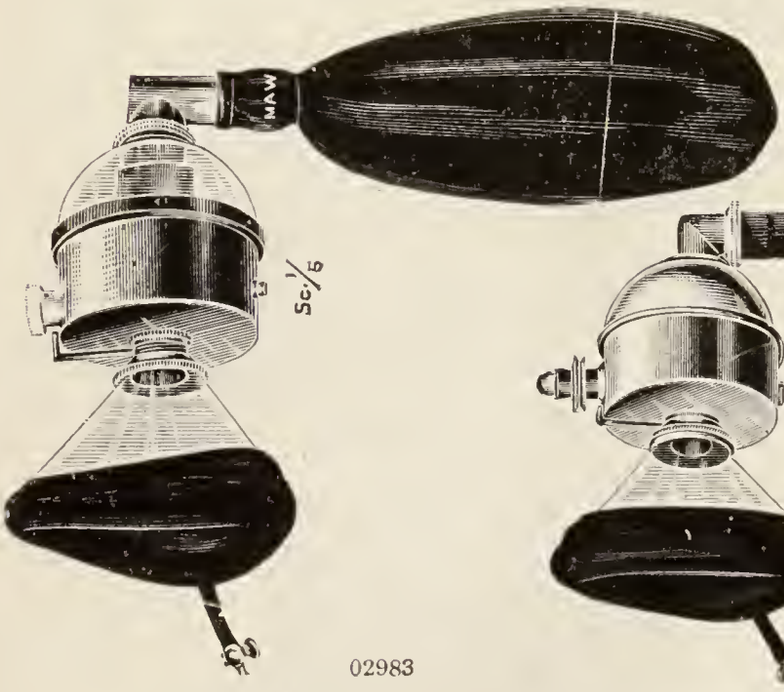
Anæsthesia Apparatus—Contd.—

02981

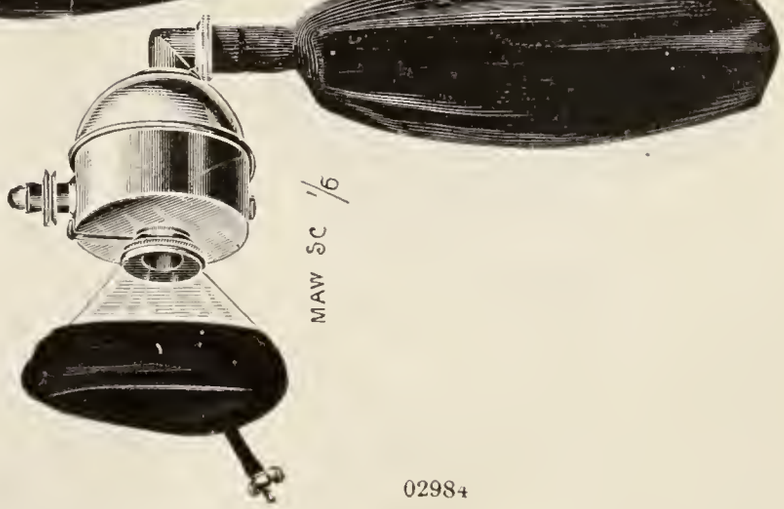


02982

No.	**Chloroform Inhalers—Contd.—**	£	s.	d.
02981	Vernon Harcourt's, in which the dose is indicated as a percentage mixture of chloroform with air, complete with face piece, bottle, beads, increase tube, shoulder strap and flexible tubing	5	17	6
02982	Willett's modification of Junker's inhaler, with stout bellows, wire-lined non-collapsible tubing, and flexible metal mouth tube	0	15	6



02983

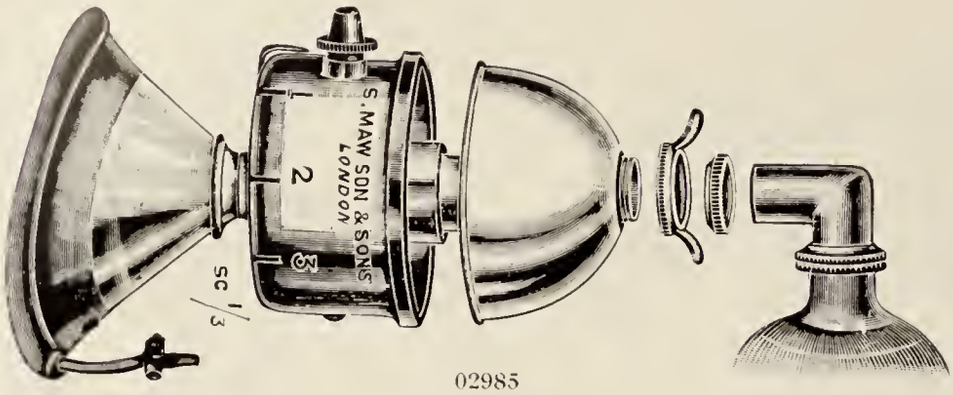


02984

Ether Inhalers, etc.—

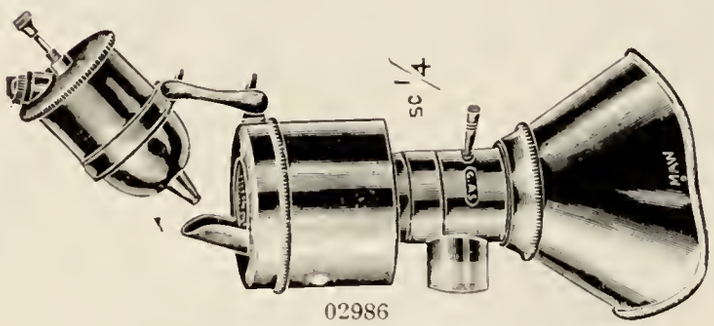
02983	Clover's, with glass dome, which revolves round a central shaft independently of the bag, and with other fittings as No. 02983, complete in leather-covered case	2	17	6
02984	Clover's, with nickel-plated chamber which revolves round a central shaft independently of the bag, patent transparent celluloid face piece with inflated india-rubber cushion, ether bottle and filler, complete in leather-covered case	2	2	0

Anæsthesia Apparatus—Contd.—

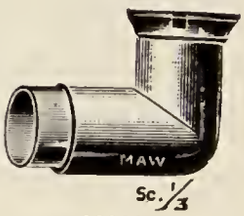


02985

No.		£	s.	d.
	Ether Inhalers, etc.—Contd.—			
02985	Clover's, with dome made to take apart for cleaning, with fittings as No. 02983, complete in leather-covered case	2	5	0



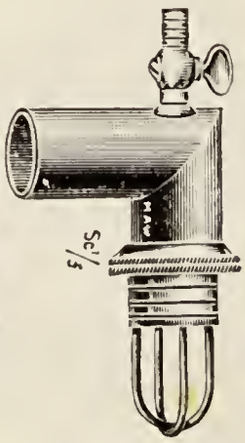
02986



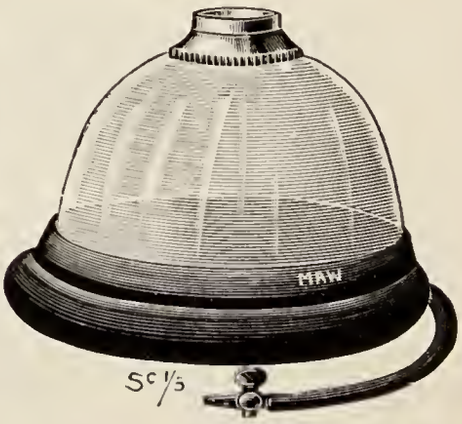
02988

02986	Marshall's, nickel-plated, with regulating drop bottle and gas attachment	2	10	6
02987	Do. do. do., without gas attachment	2	2	0
	Accessories for use with Clover's Inhalers—			
02988	Angle Mount, Sheppard's, for use in prone position.. ..	0	4	6

02990



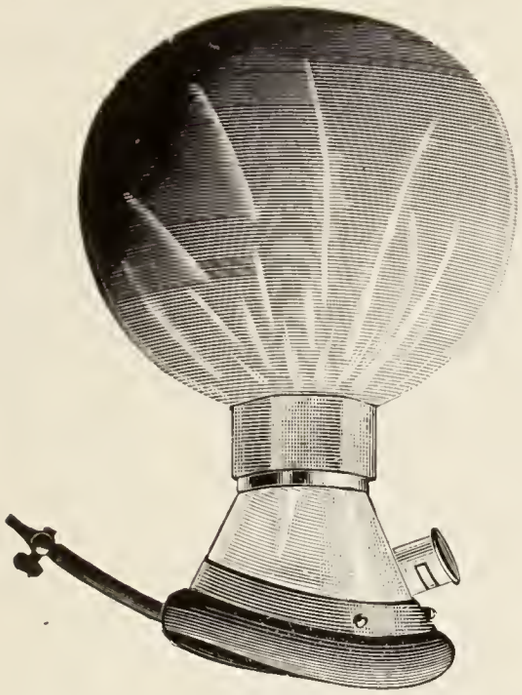
02989



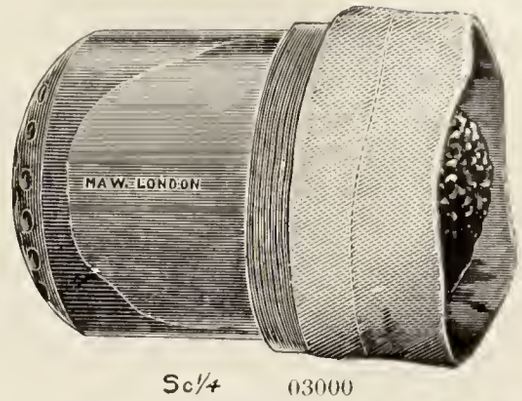
02991

02989	Bag Mount, with stop-cock, for attaching to gas apparatus..	0	5	6
02990	Face Piece, transparent celluloid, improved pattern, with detachable india-rubber cushion which cannot slip off whilst in use, 4 sizes .. .. each	0	9	0
02991	Face Piece, glass, with india-rubber cushion..	0	7	6
02992	Do. leather, covered with india-rubber, with inflated rim, 3 sizes .. .. each	0	7	3
02993	Do. all metal, aseptic, with pads	0	11	6
02994	Spare Bag, batiste, to tie on	0	1	6
02995	Do. india-rubber	0	3	0
02996	Do. silk	0	5	6
02997	Do. washable holland (McGregor Young's)	0	1	0
02998	Do. paper, to be destroyed after use per doz.	0	2	0

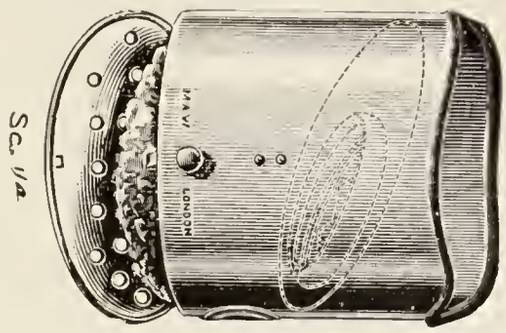
Anæsthesia Apparatus—Contd.—



02999



Sc/4 03000



03001

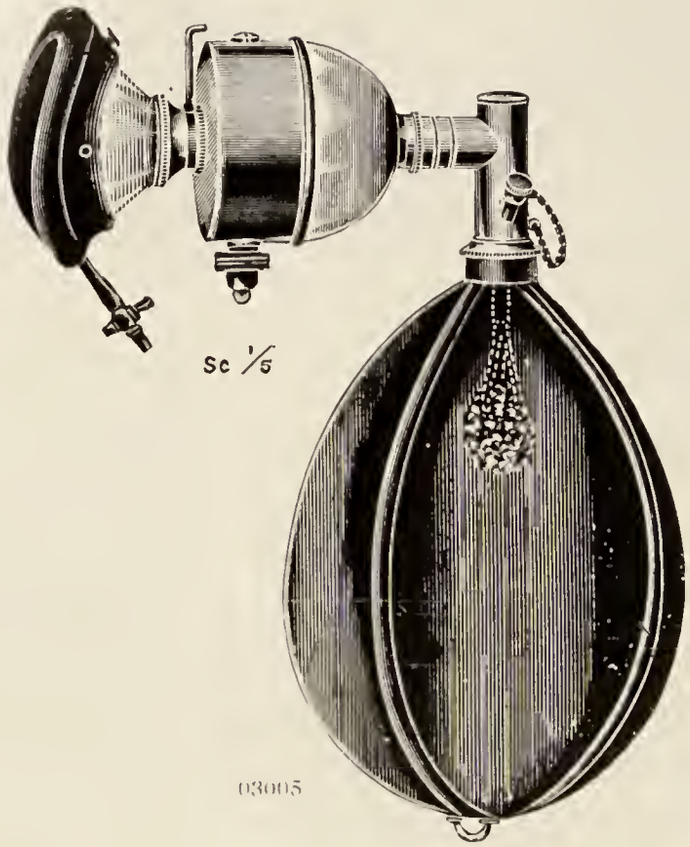
No.	**Ether Inhalers, etc.—Contd.—**	£	s.	d.
02999	Ormsby's, modified by Woodhouse Braine, with large detachable bag, sponge, and patent celluloid face piece in card box ..	1	0	0
03000	Silk's Celluloid, for ether or A.C.E. mixture, 3 sizes .. each	0	8	6
03001	Do. nickel-plated, with diaphragm and india-rubber cushion..	1	0	0
03002	Taylor's, celluloid, a modification of No. 03000, with gutter to prevent anæsthetic from running over the patient's face ..	0	9	0
03003	Waring's, nickel-plated, a modification of No. 03001, with detachable face piece, india-rubber cushion, and metal spring for holding the sponge; 2 sizes, children's and adults', each	1	3	0
03003a	Spare india-rubber cushions.. .. .. ,,	0	4	0

The detachable face piece is made with an inner lip, between which and the surface of the inhaler is a space of sufficient depth to contain any excess of moisture which may flow down. By this device, blistering of the face is effectually prevented.

03004

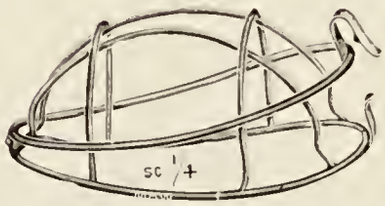
03004 **Ethyl Chloride Inhaler,** Maw's, registered No. 462436, with whalebone supports to prevent complete collapse of the bag 1 3 6

Anæsthesia Apparatus—Contd.—

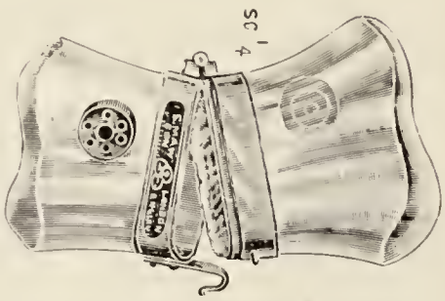


03005

No.		£	s.	d.
03005	**Ethyl Chloride and Ether Inhaler,** combined, Maw's, registered, with fittings as No. 02983, complete in case	2	12	6



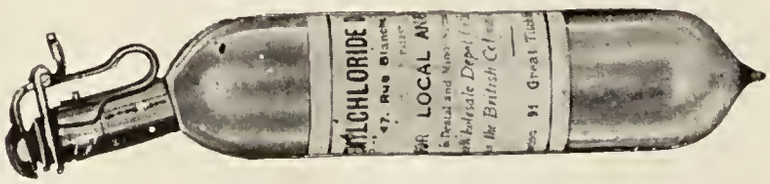
03006



03007

Ether Masks—

03006	Bellamy Gardner's, 2 sizes .. .. each	0	7	6
03007	Carter's, celluloid, with nickel-plated fittings	0	18	6
03008	Do. nickel-plated throughout	1	1	6



03010

Ethyl Chloride—

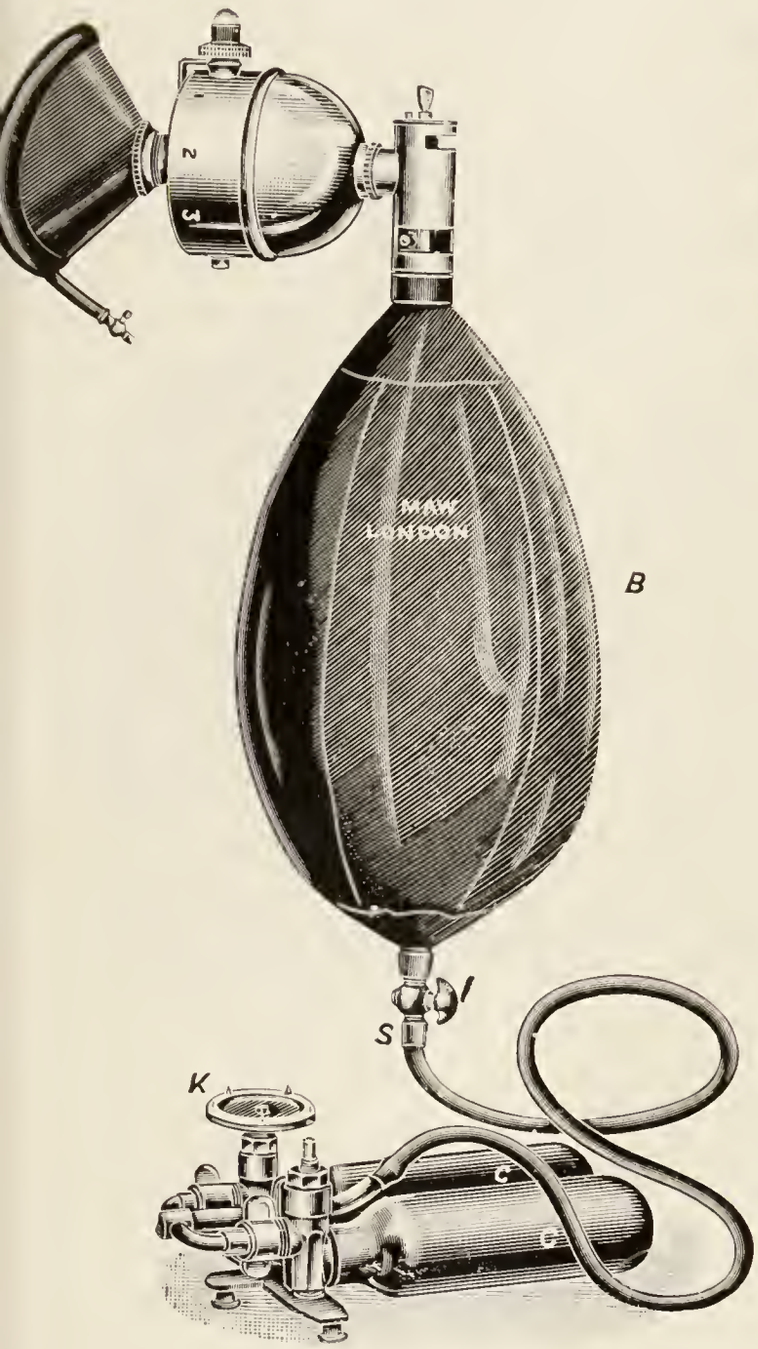
For General Anæsthesia (Bengue)—

03009	"Narcotile," 50 gr., in glass tube with spring stopper ..	0	3	6

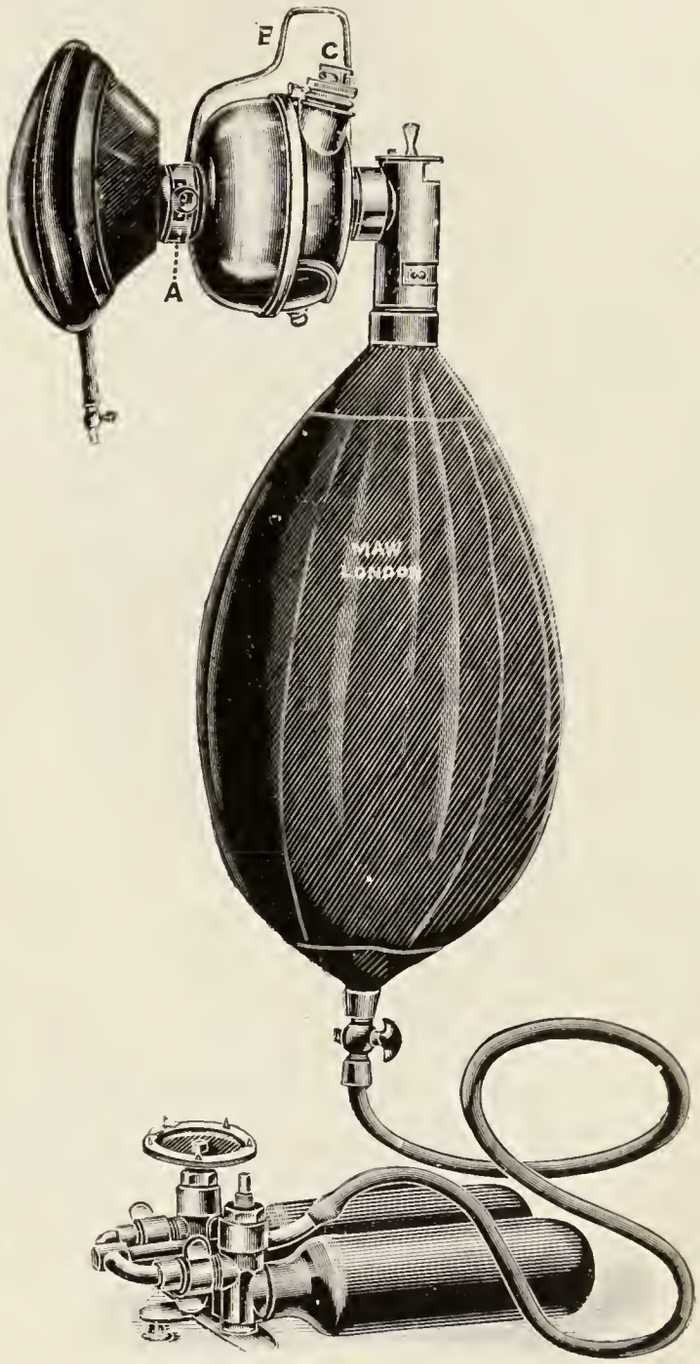
For Local Anæsthesia (Bengue)—

03010	30 c.c. glass tube, with automatic stopper	0	2	2
03011	50 c.c. metal tube, with automatic stopper	0	3	10
03012	Refilling, 30 gr.	0	1	6
03013	Do. 50 gr.	0	2	3

Anæsthesia Apparatus—Contd.—



03014

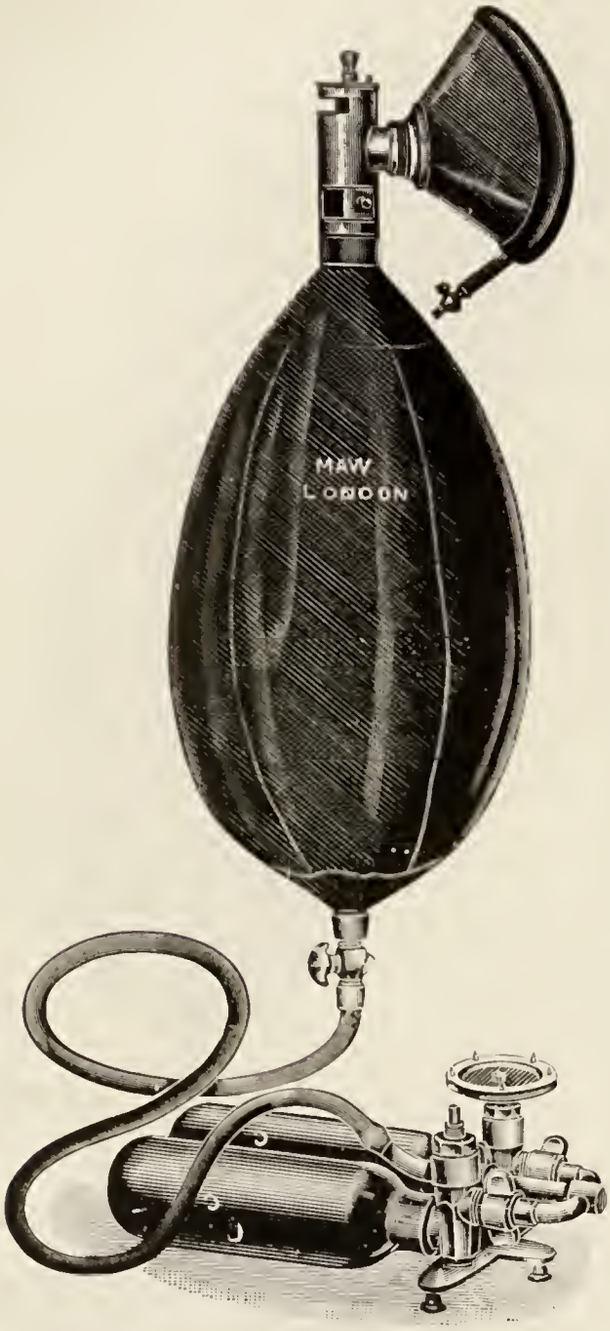


03015

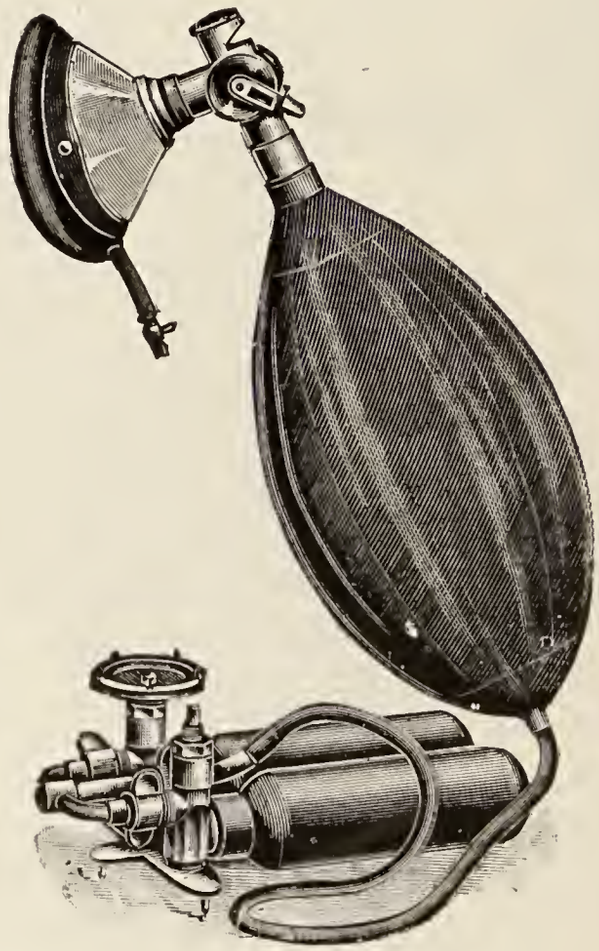
No.	Nitrous Oxide Apparatus, etc.—	£	s.	d.
03014	Hewitt's Apparatus, for the administration of gas alone, or gas and ether combined, consisting of patent celluloid face piece, Clover's inhaler, three-way stop-cock, gas bag and tubing ..	3	5	0
	Any of the stop-cocks mentioned on page 333 can be substituted in place of the one shown in the illustration at the same price.			
03015	Hewitt's Improved Large Bore Inhaler, for the administration of gas alone, or gas and ether combined, consisting of improved face piece, which locks in any position, flattened ether reservoir, three-way stop-cock, gas bag and tubing.. ..	4	7	6
03016	Do. do., for ether only, with filler and bottle, in case ..	3	5	0

The above prices do not include the Cylinders, for prices of which see page 333.

Anæsthesia Apparatus—Contd.—



03017



03018

Nitrous Oxide Apparatus, etc.—Contd.—

No.		£	s.	d.
03017	Hewitt's, for gas only, consisting of face piece, improved stop-cock, gas bag, vulcanite tap and tubing	2	2	0
03018	Gas Apparatus, consisting of patent celluloid face piece with inflated india-rubber cushion, improved three-way stop-cock, gas bag, vulcanite tap and tubing	2	0	0
03019	Gas Apparatus, as No. 03018, but with glass sides fitted to stop-cock so that the working of the valves can be seen.. ..	2	3	0
03020	Paterson's Improved Nasal Inhaler, for prolonged anæsthesia with nitrous oxide gas during mouth operations, consisting of aluminium nasal mask, celluloid oral mask, double conducting tube, two-way stop-cock with twin connector, gas bag and tubing	2	12	6

The above prices do not include the Cylinders, for prices of which see page 333.

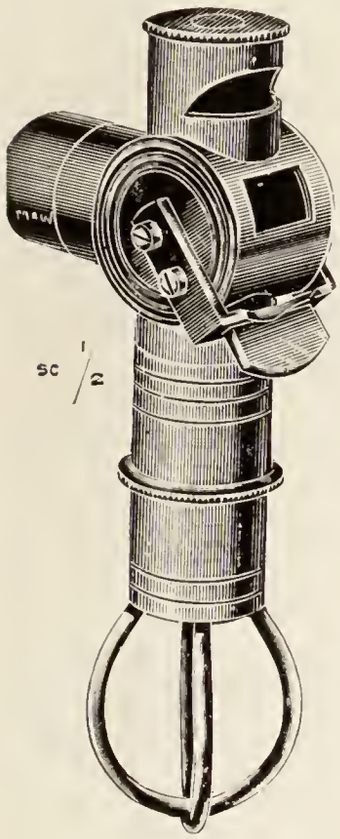
03021	Spare Gas Bags, india-rubber, 3 gallon capacity .. .. each	0	8	6
03022	Spare Gas Tubing .. .. per ft.	0	0	10

Anæsthesia Apparatus—Contd.—

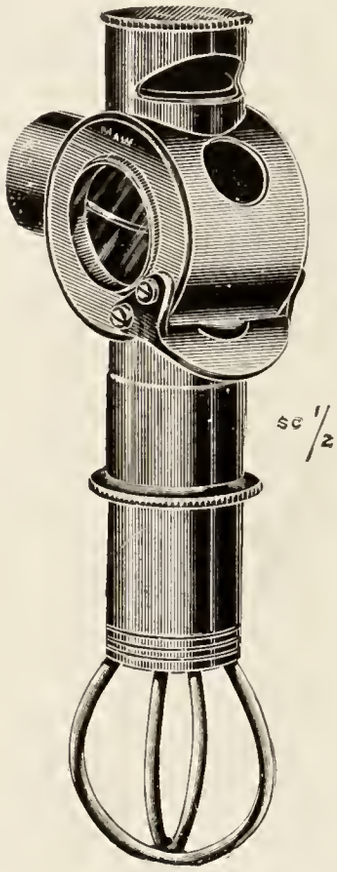
No.	**Nitrous Oxide Apparatus, etc.—Contd.—**	£	s.	d.
	Nitrous Oxide Cylinders (exclusive of gas)—			
03023	Single, 25 gallons, on stand with foot key and cylinder union	1	0	0
03024	Do. 50 gallons, do. do. do. ..	1	2	6
03025	Double cylinder foot apparatus, as shown with Nos. 03014, 03015, 03017 and 03018, consisting of two 25 gallon cylinders, stand, foot key and double union	2	0	0
03026	Do. do., consisting of two 50 gallon cylinders	2	2	6
03027	Triple cylinder foot apparatus, consisting of three 50 gallon cylinders side by side (2 for N^2O and 1 for O), triple stand and foot key..	3	5	0

N.B.—An ordinary 50 gallon cylinder capable of holding 50 gallons of N^2O will only hold about 15 gallons of oxygen.

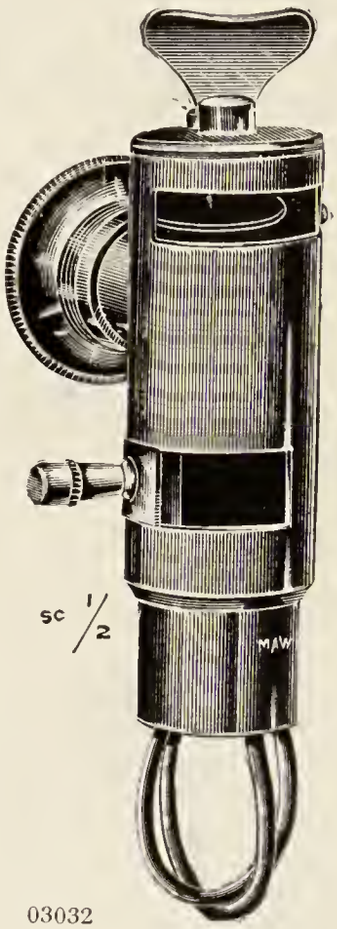
	Nitrous Oxide Gas (exclusive of cylinders)—			
03028	25 gallons	0	1	6
03029	50 gallons	0	2	3



03030



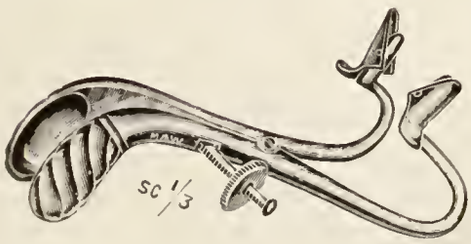
03031



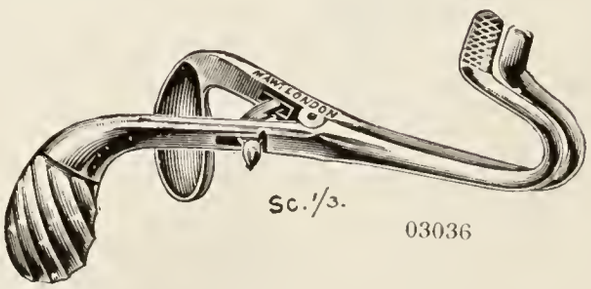
03032

Nitrous Oxide Apparatus—Contd.—

03030	Stop-cocks, nickel-plated	0	12	6
03031	Do. do., with glass sides	0	16	0
03032	Do. do., Hewitt's (exclusive of collar).. ..	0	14	6



03034

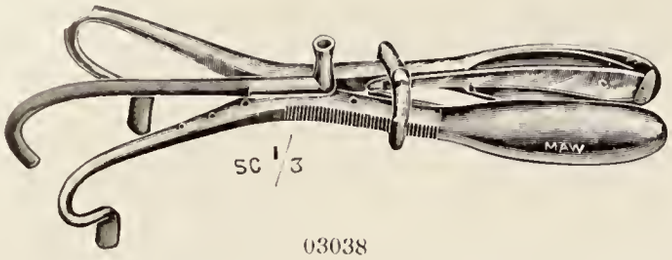


03036

Mouth Gags, solid forged with fluted handles—

03033	Ackland's, with parallel blades	0	17	6
03034	Alment's, with rocking jaw blades	0	18	0
03035	Buxton's, with ratchet, two sizes .. .. large, **16/6**; small	0	15	0
03036	Do. with Ackland's parallel blades .. large, **16/6**; small	0	15	0
03037	Brunton's, self-holding, with india-rubber pads	0	7	6

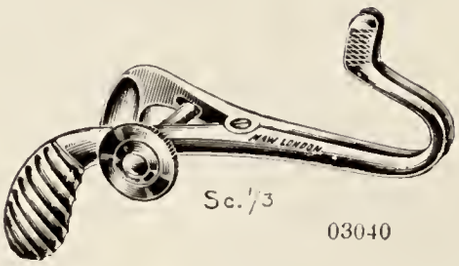
Anæsthesia Apparatus—Contd.—



03038

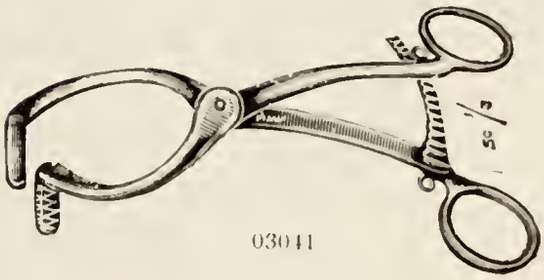
No.	**Mouth Gags,** solid forged—**Contd.**—	£	s.	d
	Cleft palate (see page 170).			
03038	Colt's, with anæsthetic tube..	1	2	0

03039

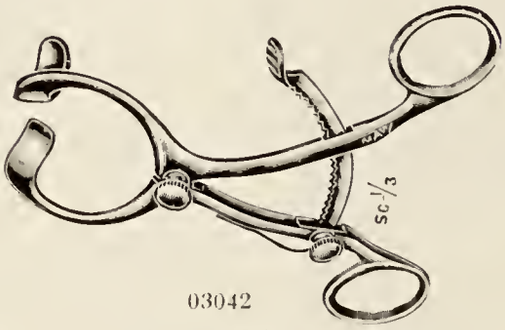


03040

03039	Cotterill's, with ring for strap	0	14	0
03040	Croft's, with fly-nut	0	14	0
	Dental (see page 313).			

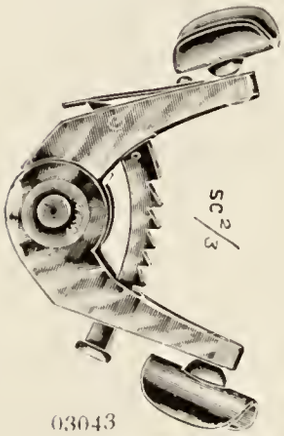


03041

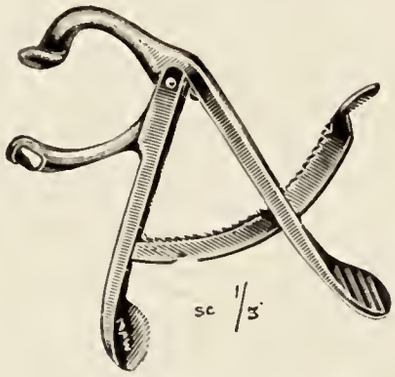


03042

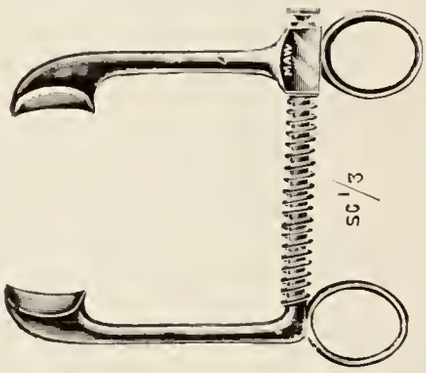
03041	Doyen's, with rack, improved model ..child's, 18/9; adults	1	1	0
03042	Do. do., with spring release	1	2	6



03043

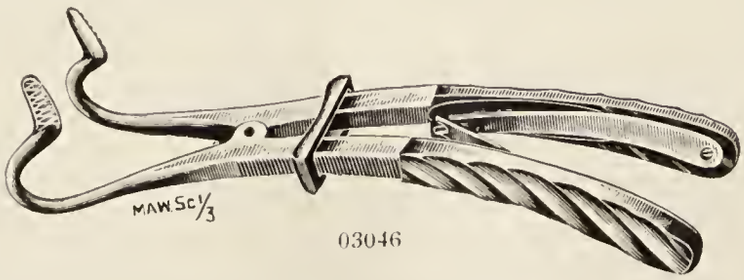


03044



03045

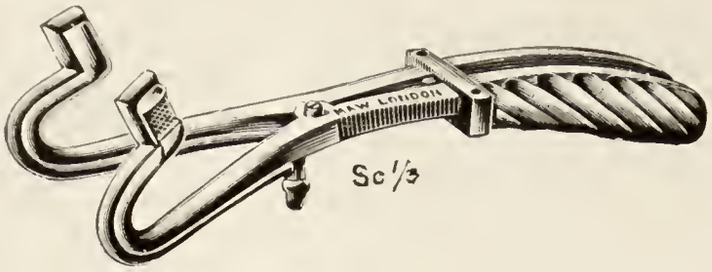
03043	Dent's, with ratchet	0	7	6
03044	De Prendeville's, with ratchet	1	5	0
03045	Gossett's	0	11	6



03046

03046	Fergusson's, with ring slide	0	18	0
03047	Do. do. do., small size for children	0	18	0

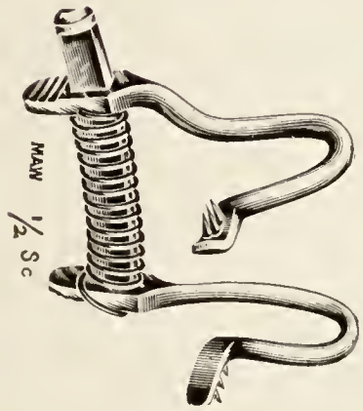
Anæsthesia Apparatus, etc.—Contd.—



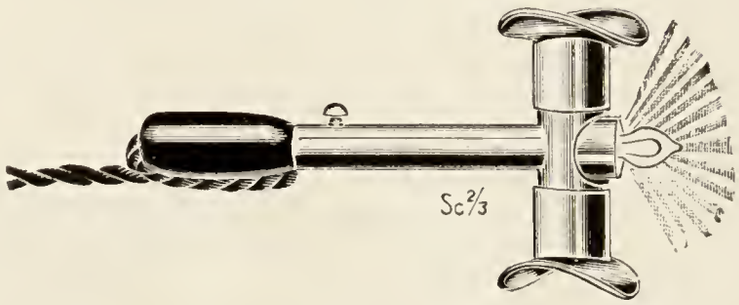
03048

Mouth Gags—Contd.—

No.		£	s	d
03048	Hewitt's, with metal tubes attached along the lesser curvature of the blades for the administration of chloroform during operations on the mouth..	1	5	0
03049	Hewitt's "Airway"	0	2	3

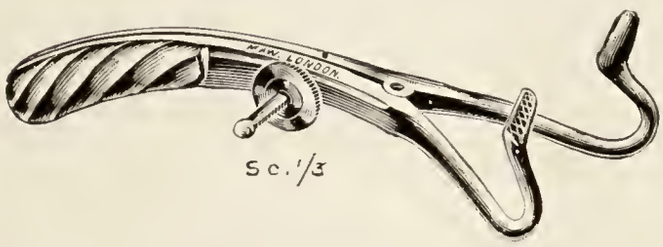


03050

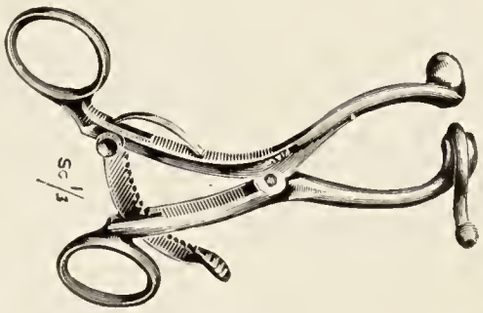


03051

03050	Lane's, right or left, 3 sizes .. .. each	0	12	6
03051	Macdonald's, adjustable, fitted with electric lamp, complete with dry battery (4 volts) in leather-covered box..	1	5	0

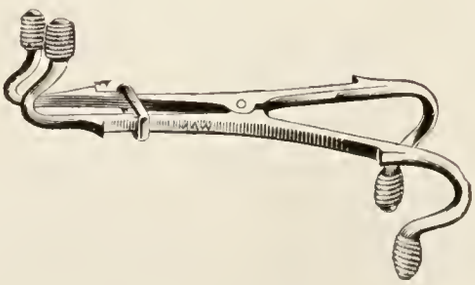


03052

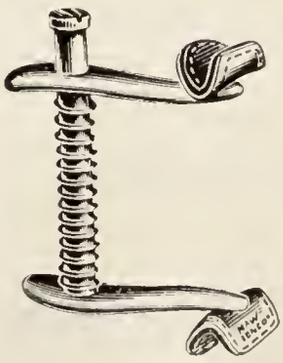


03054

03052	Mason's, with fly-nut	0	14	6
03053	Do. do., with Ackland's parallel blades	0	15	0
03054	Probyn Williams's	1	2	0



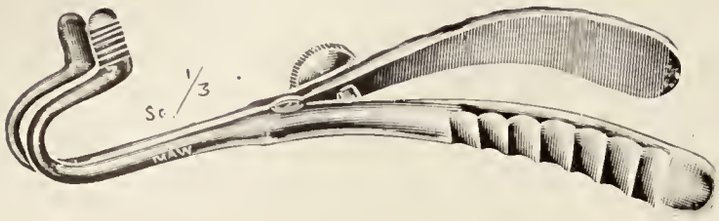
03055



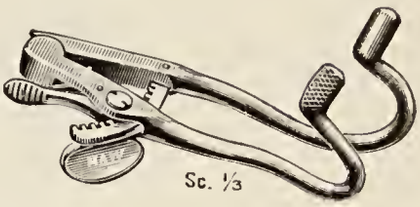
03056

03055	Rose's, double-ended, with ring slide .. small, 14/-; large	0	15	6
03056	Wingrave's	0	7	6

Anæsthesia Apparatus, etc.—Contd.—



03057



03058

Mouth Gags, solid forged—**Contd.—**

No.		£	s.	d.
03057	Theodore Burns's, with bowed handle and Ackland's parallel blades	0	14	6
03058	Trigger pattern, with release..	0	8	0

03059

03059	Willett's, screw action	0	19	6

03060

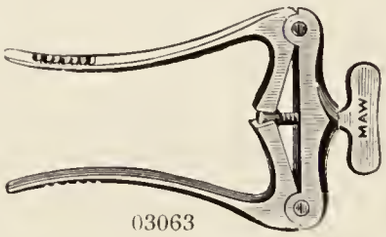
Mouth Wedges—

03060	Boxwood, with screw thread..	0	1	0

03061

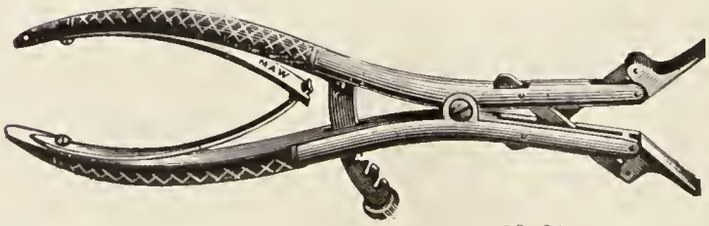
03061	Boxwood, plain, Hewitt's, 2 sizes .. .. .. each 6d. and	0	1	0

03062



03063

03062	Nickel-plated, Hewitt's	0	5	0
03063	Do. screw action	0	11	0

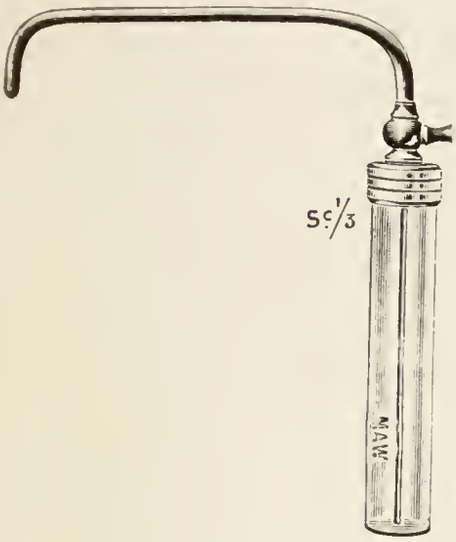


Open 03064

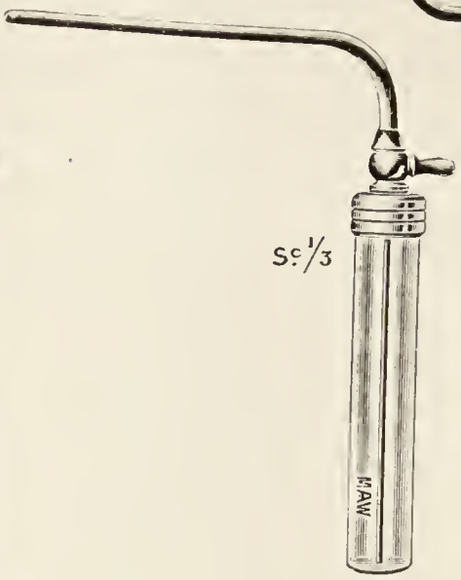
Closed.

03064	Rack action, with cross action lever jaws	1	7	6

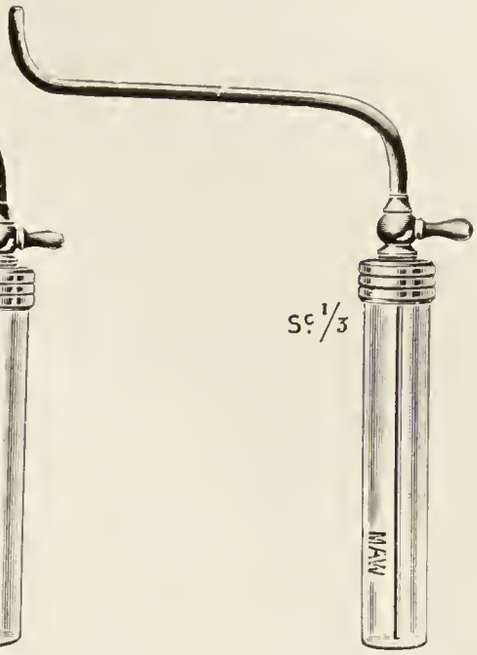
Anæsthesia Apparatus, etc.—Contd.—



03065



03066

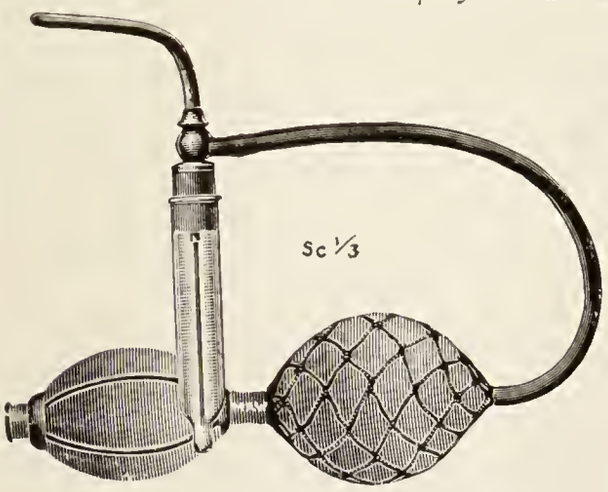


03067

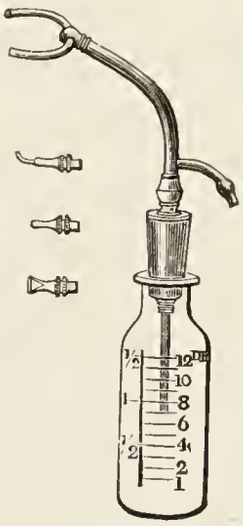
Spray Producers, for Cocaine—

No.		£	s.	d.
03065	Bronner's, for larynx	0	3	0
03066	Do. for pharynx	0	3	0
03067	Do. for posterior nares	0	3	0

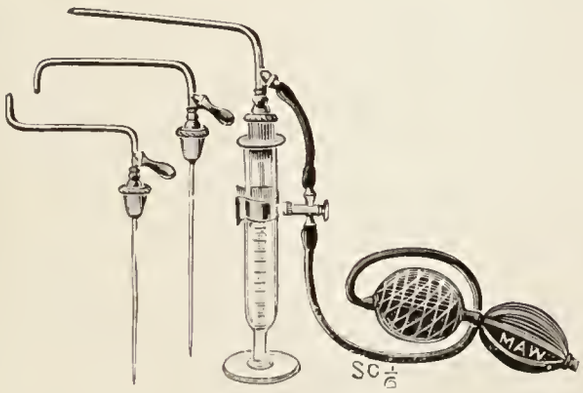
These sprays are all supplied with double bellows as No. 03068.



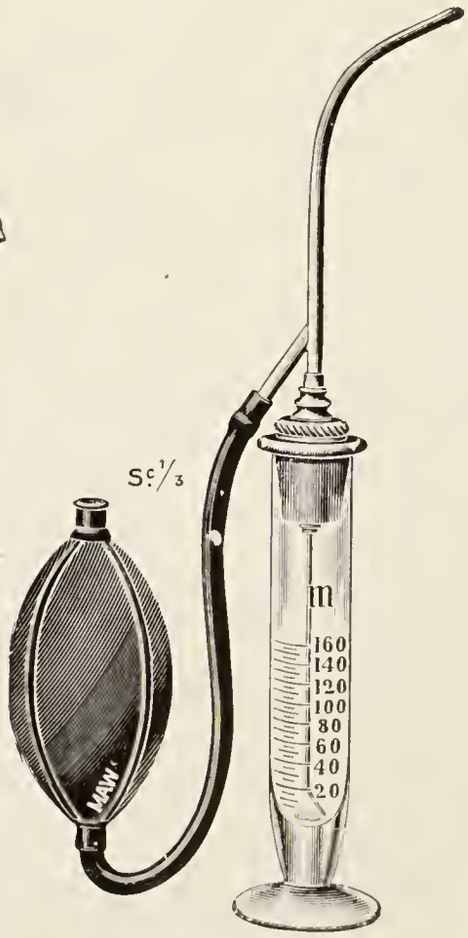
03068



03071



03070



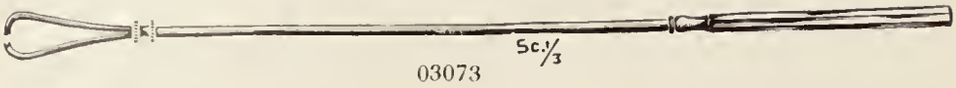
03069

03068	Nickel-plated, with conical glass tube	0	2	6
03069	Do. with graduated tube, on foot	0	3	6
03070	Stop Spray (patent), with 3 separate metal tubes for throat, nose and larynx, complete, with double bellows	0	10	6

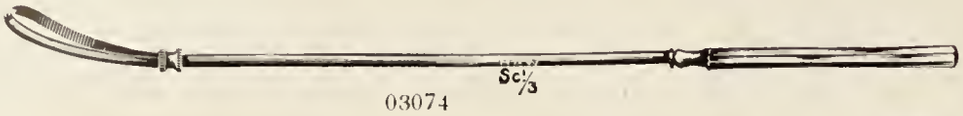
Spray Producer for Ether—

03071	Richardson's, with 3 jets complete in box with double bellows ..	0	7	0
03072	Extra jets for do. .. .. double, 2/- ; single	0	1	0

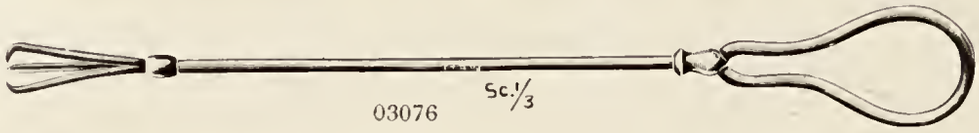
Anæsthesia Apparatus—Contd.—



03073



03074



03076

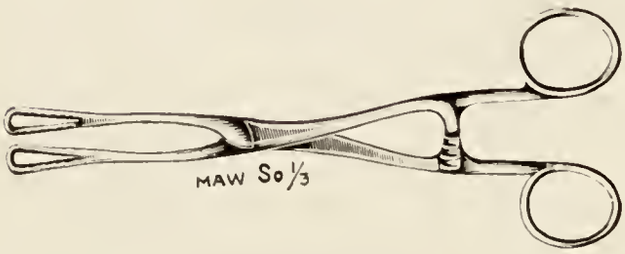
03077

No.	Sponge Holders—	£	s	d.
03073	Wire, straight	0	1	0
03074	Do. curved	0	1	0
03075	Stout, nickel-plated, straight, 2 prong	0	1	6
03076	Do. do. do., 3 prong	0	1	9
03077	Do. do. curved, 2 prong	0	1	6
03078	Do. do. do., 3 prong	0	1	9

Sponge Holding Forceps, see page 296.
Syringes for Anæsthetic Injection, see page 498.

03079

03079	**Tongue Clip,** St. Clair Thomson's	0	6	0

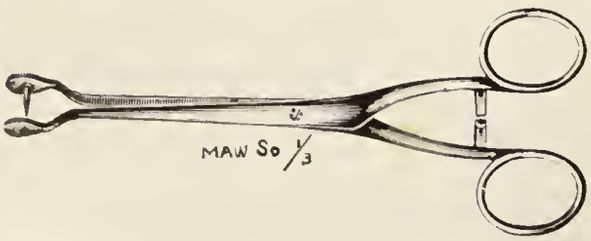


03080

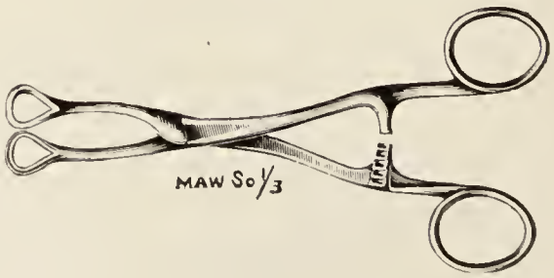
03084

Tongue Forceps—

03080	Buxton's or Guy's pattern, with serrated blades, disjointing ..	0	10	0
03081	Do. do. do., with screw joint	0	8	6
03082	Do. do. with smooth blades, disjointing ..	0	10	0
03083	Do. do. do., with screw joint	0	8	6
03084	Corbould's	0	7	6



03085

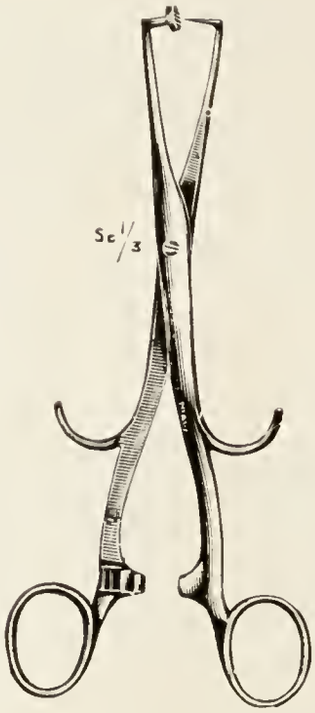


03086

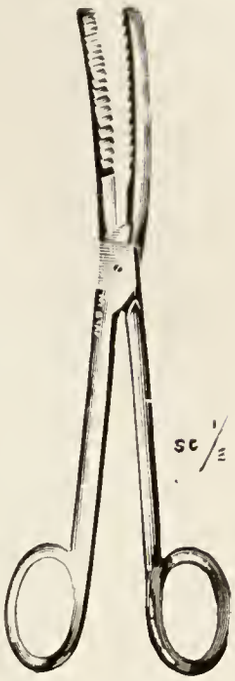
03085	Paterson's, with pin blade, as used at the London Lock Hospital	0	10	6
03086	Ring blades, grooved, disjointing	0	10	0
03087	Do. do., with screw joint	0	8	6

Anæsthesia Apparatus—Contd.—

03088



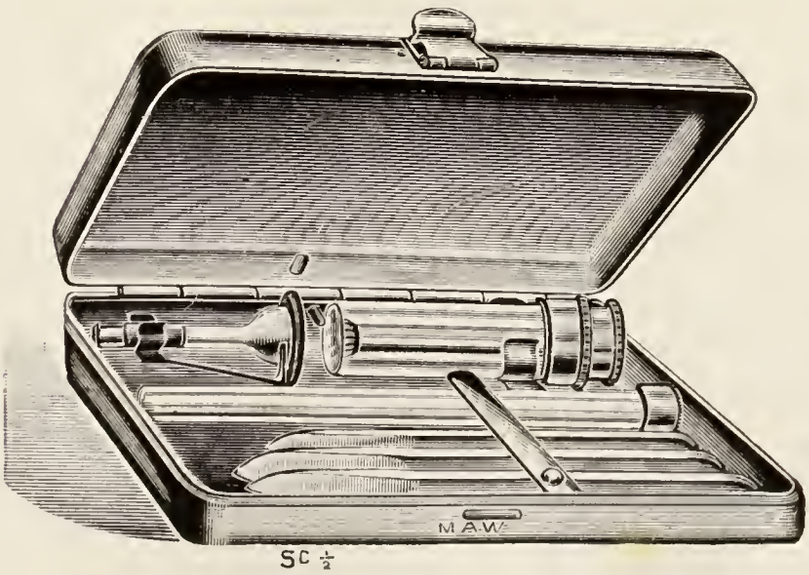
03089



03090

No.	Tongue Forceps—Contd.—	£	s.	d.
03088	Serrated flat under blade, with ring upper blade	0	7	6
03089	Thompson's, with pin blade and finger bars	0	14	6
03090	Woodhouse Braine's, serrated, disjointing..	0	9	0
03091	**Anæsthetist's Bag,** kit shape (as No. 02470, page 268), with provision for gas apparatus, gas cylinders, drop bottle, ether, tongue forceps, gag, sponge-holders, etc., black cowhide	2	5	0

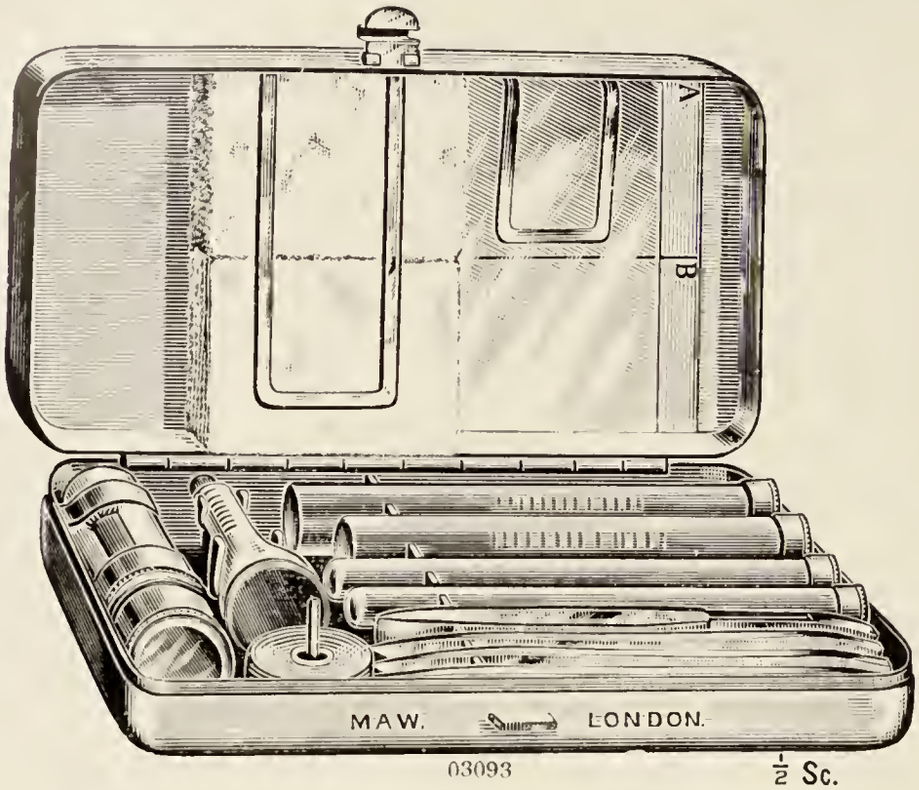
VACCINATION INSTRUMENTS.



03092

03092	**Aseptic Vaccination Set,** consisting of 2 Maw's aseptic lancets (No. 03098), metal capped tube for storing vaccine tubes, lymph ejector (No. 03101), spirit lamp for sterilising lancets, and tube cutter, in aseptic metal case, with blue cloth cover ..	0	16	0

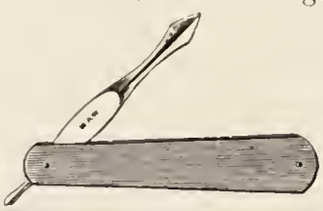
Vaccination Instruments—Contd.—



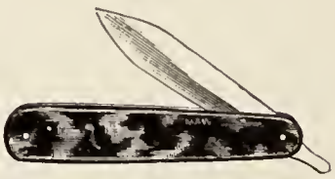
03093 ½ Sc.

No.		£	s.	d.
03093	**Aseptic Vaccination Set,** for Public Vaccinators, specially prepared to meet the regulations of the Local Government Board, consisting of 3 Maw's aseptic lancets (No. 03098), 2 metal capped tubes for storing vaccine tubes, 2 do. for antiseptic solutions, lymph ejector (No 03101), tube cutter, spirit lamp for sterilising lancets, adhesive plaster, glass slide, ivory tablet, and pads of lint for cleaning lancets, in aseptic metal case, with blue cloth cover	1	7	0
03094	**Case Book,** arranged for 300 cases, bound in green cloth	0	2	0

03095



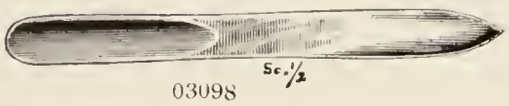
03096



03097

Lancets, Folding—

03095	Double, with metal scales	0	3	0
03096	Grooved, with metal scales	0	2	0
03097	Plain, single, with metal scales	0	1	6



03098

03101

Lancets, in fixed handles—

03098	Maw's, aseptic, solid forged	0	1	3
03099	Do. do., with platino-iridium point..	0	8	6
03100	Pull-off leather case for do.	0	0	6

Lymph Ejectors—

03101	Maw's registered, with india-rubber cap and plug..	0	1	0

03102

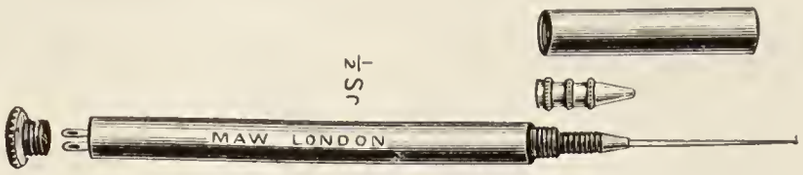
03103

03102	Maw's india-rubber	0	0	6

Vaccinators—

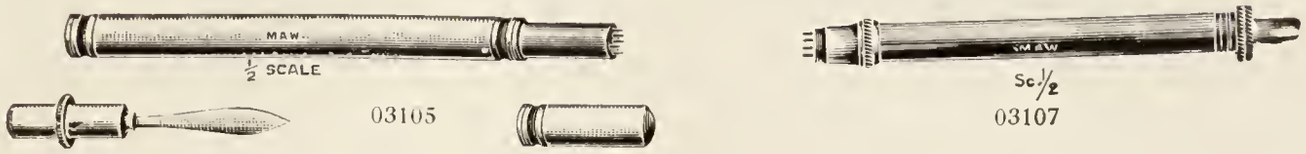
03103	Aseptic, for pocket	0	4	6

Vaccination Instruments—Contd.—



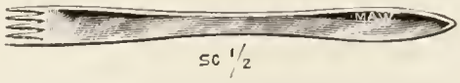
03104

No.	**Vaccinators—Contd.—**	£	s.	d.
03104	Bartlett's, all metal, for use with common sewing needles ..	0	4	6



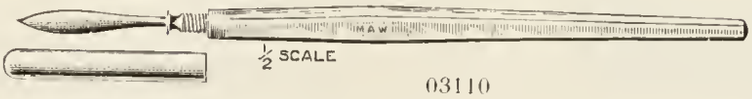
03105 03107

03105	Cooper Rose's, modified, all metal, with screwed-in needles ..	0	9	0
03106	Do., original pattern, with metal handle	0	6	6
03107	Loan's, pencil case form, with screw to regulate the length of the needles	0	7	6



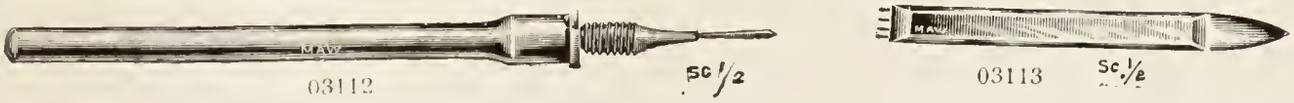
03108

03108	Napier's, Army pattern, sharp or blunt .. .. .. each	0	1	6
03109	Do. do., set of 3 in aseptic metal case .. ,,	0	5	6



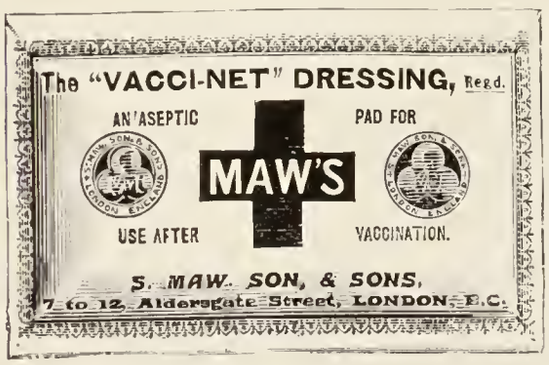
03110

03110	Stevens's, with metal handle and cap	0	5	0
03111	Do. do., with platino-iridium point..	0	12	6

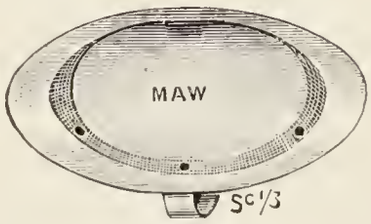


03112 03113

03112	Von Pirquet's, with platino-iridium point (used also for taking blood specimens)..	0	9	0
03113	Weir's, all metal	0	3	6
03114	Metal pull-off case for do.	0	1	0



03116-17



03118

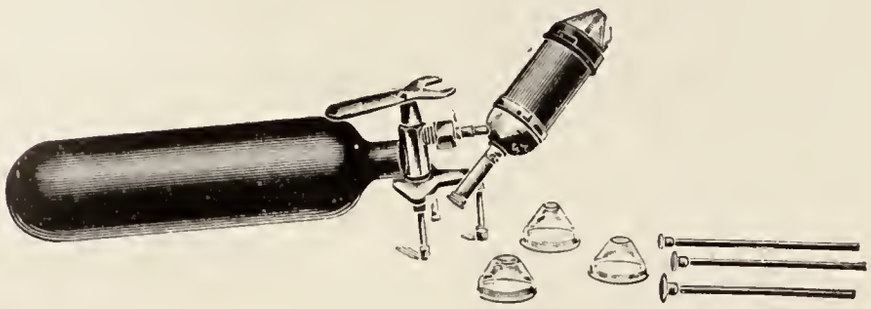
Vaccination Dressings—

03115	Taffeta Plaster, in metal case .. .. .. per doz.	0	3	9
	"Vaccinet" Dressings or Pads, registered, each in envelope—			
03116	With plaster at top, and tapes at bottom, 2 sizes per doz., child's, **1/10**; adult's	0	2	4
03117	With tapes at top and bottom, 2 sizes per doz., child's, **1/5**; adult's	0	2	2

If supplied in packets of 1 doz. without envelopes, 2/- per gross less.

03118	**Vaccination Shields,** celluloid, transparent .. .. per doz.	0	4	9
03119	Do. do., Cowan's, for infants .. .. .. ,,	0	1	10
03120	**Vaccine Lymph,** glycerinated, per doz. full tubes, **6/-**; half tubes	0	4	0
03121	**Vaccine Tubes,** large size, for glycerinated lymph .. per 1000	0	4	3

DERMATOLOGICAL INSTRUMENTS.



03122

No.		£	s.	d.
	Carbon Dioxide Snow Apparatus—			
03122	Apparatus consisting of 4 transparent cones, applicator, 4 rods, cylinder stand, key and 2 lb. cylinder of CO^2	2	11	0
03123	Do. do. do., with ½ lb. cylinder of CO^2	2	6	0
03124	Moulds for making pencils for use with above .. .. each	0	3	0
03125	Extra cylinder of CO^2 .. .. .. 2 lb., 16/- ; ½ lb.	0	11	0
03126	Refilling cylinders, ½ or 2 lb. .. .. each	0	1	0

Note.—When sent out by rail or carrier each cylinder must be supplied with a rope cover at a cost of **1/6** *each extra.*

03127

03127	Applicators, Macleod's, vulcanite, ⅜, ½, ⅝, ¾ or 1 in. .. each	0	4	0
03128	Do. do. do., set of 5..	0	18	0

Open. 03129 Closed.

Comedo Extractors or Acne Spuds—

03129	Abraham's Forceps-extractor	0	7	6

03130

03130	Beddoe's	0	3	6

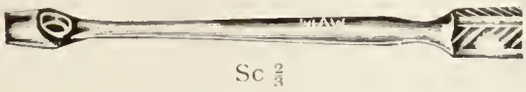
03131

03131	Improved model	0	3	0

03132

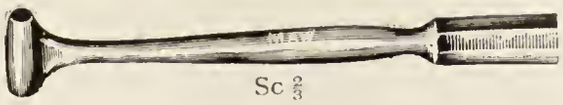
03132	Pocket model	0	1	0

Dermatological Instruments—Contd.—



Sc $\frac{2}{3}$

03133



Sc $\frac{2}{3}$

03134

03135

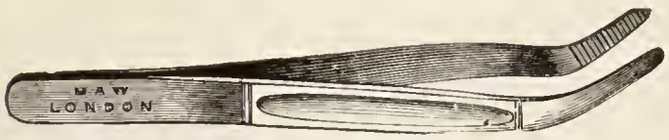
No.	**Comedo Extractors or Acne Spuds—Contd.—**	£	s	d.
03133	Robinson's	0	3	0
03134	T-shape	0	3	0
03135	Unna's	0	1	6

03136

03137

Curettes, solid forged—

03136	Vidal's, small	0	5	6
03137	Do. large	0	5	6



03138

03139

Depilatory Forceps—

03138	Abraham's	0	4	0
03139	Do.	0	4	0

03140

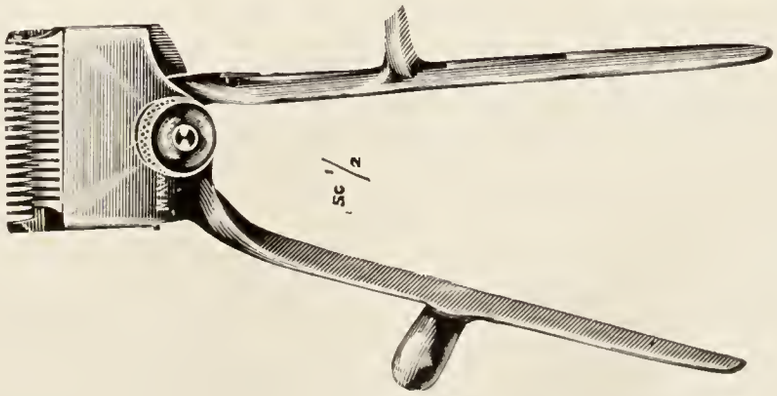
03142

03140	Aldersmith's, with curved points	0	4	0
03141	Do. with square ends	0	4	0
03142	Flat ended, fluted, square or rounded	0	3	0

SC 1/2

03143

03143	Whitfield's	0	3	0



03144

Hair Clippers—

03144	Lock Hospital pattern	0	6	0
03145	Metropolitan Asylums Board pattern, for Ringworm	0	6	0

Dermatological Instruments—Contd.—

03146

03147

03148

03150

03149

No.	**Lancets, Scalpel, etc.—**	£	s	d.
03146	Abraham's Lance	0	3	0
03147	Do. Lupus Lancet	0	3	0
03148	Do. Scab remover	0	3	0
03149	Do. Scalpel, 2 sizes .. .. each	0	3	0
03150	Do. Spatula	0	3	0

03151

03151	Hebra's Lancet, solid forged..	0	4	6

03152

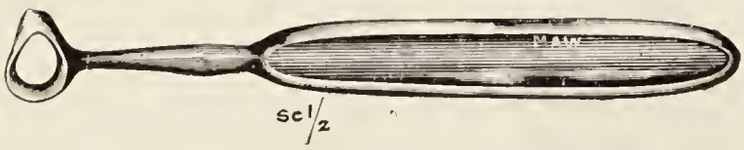
03153

Lupus Scoops, solid forged—

03152	Abraham's, double	0	7	6
03153	Hebra's, angular, 2 sizes .. .. each	0	5	0
03154	Do. straight, 2 sizes .. .. ,,	0	5	0

03155

03155	Squire's, 3 sizes .. .. each	0	4	6



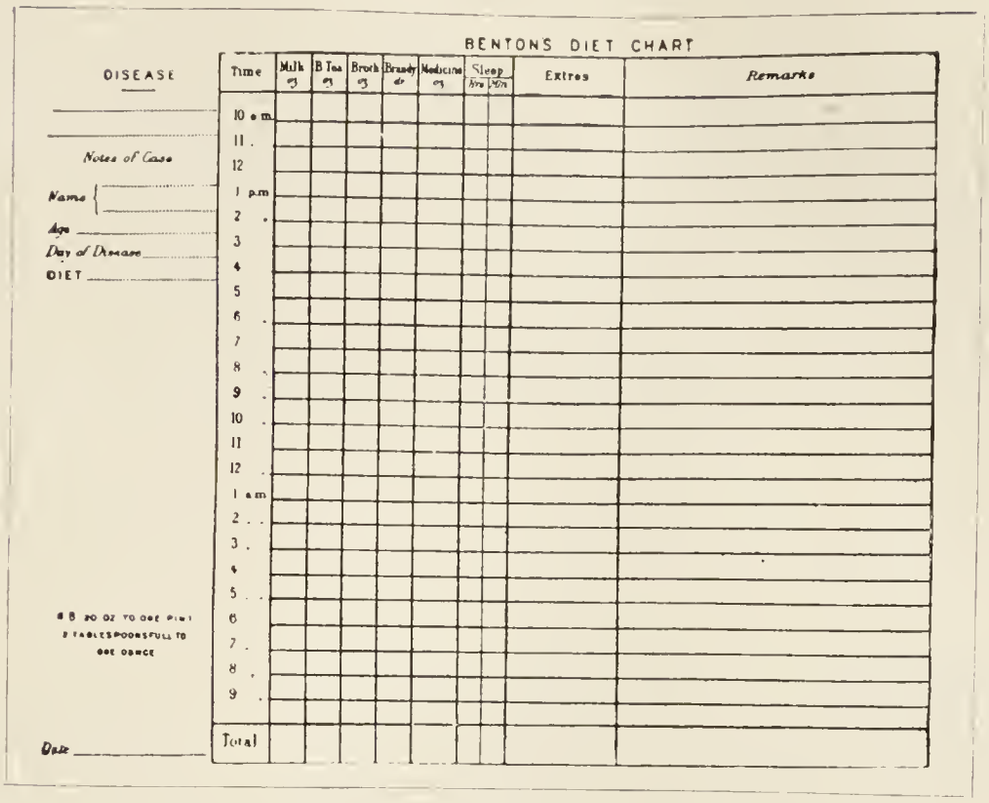
03156

03156	Wolff's	0	5	6
03157	**Nævus Cautery,** Wordsworth's, with insulated metal handle (see page 23)	0	5	9

03158

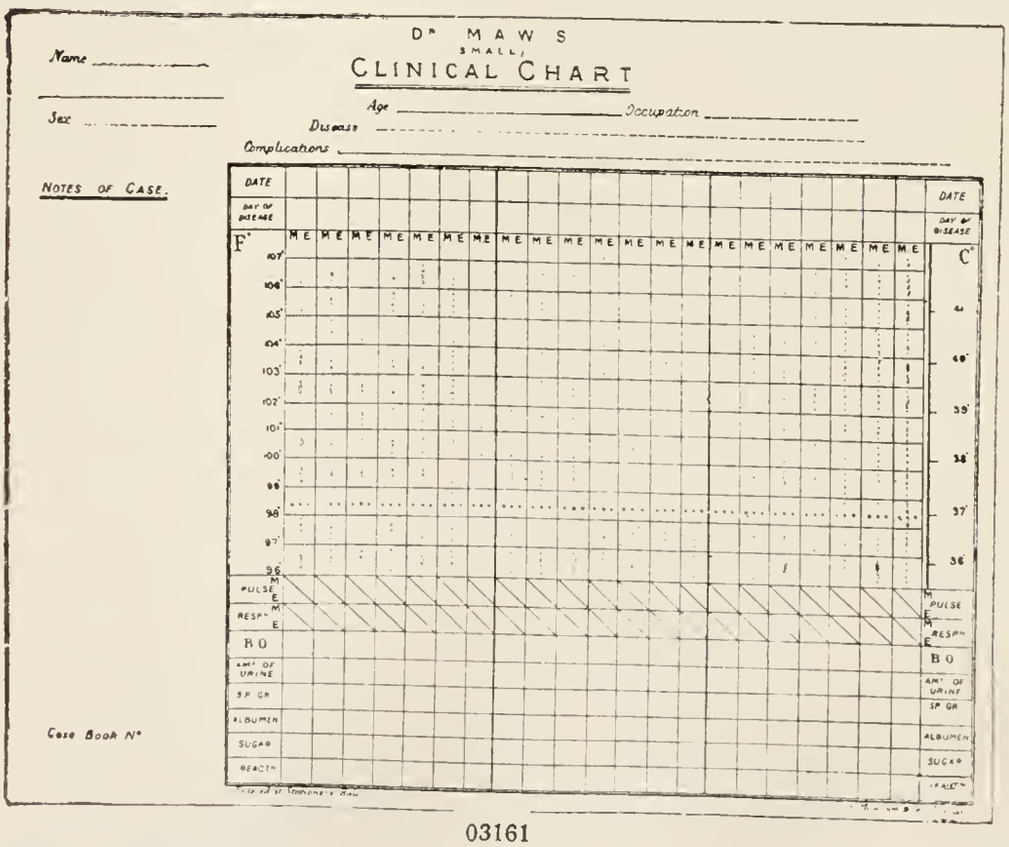
03158	**Volsellum Forceps,** Abraham's	0	9	0

CLINICAL INSTRUMENTS, Etc.



03159

No.	Charts, Diet, $10\frac{1}{4} \times 8$ in.—	£	s.	d.
03159	Benton's, to record the amount of nourishment, sleep, etc., taken in 24 hours, per 25, **1/-**; 50, **1/9**; 100, **3/-**; 250, **7/-**; 500, **13/-**; 1,000..	1	4	0
03160	Southcott's do., do., per 25, **1/-**; 50, **1/9**; 100, **3/-**; 250, **7/-**; 500, **13/-**; 1,000..	1	4	0



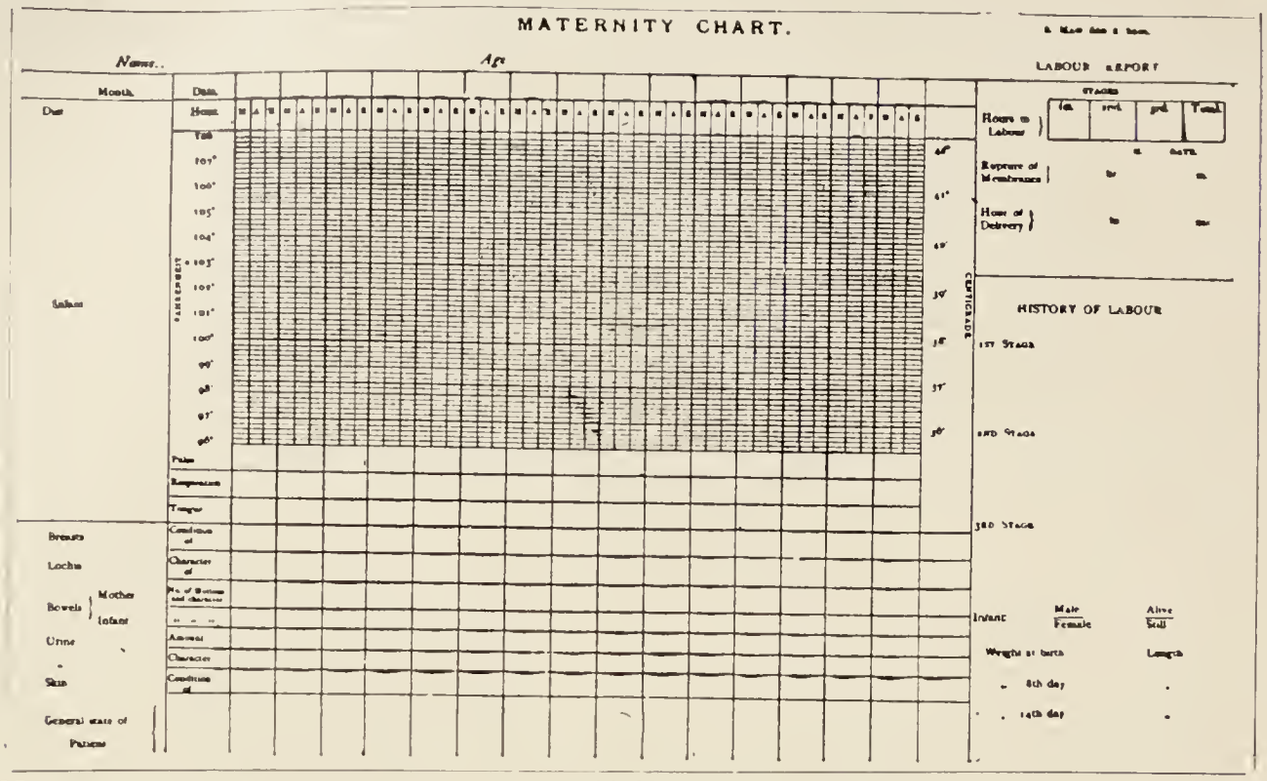
03161

Charts, Temperature—

		per 25	50	100	250	500	1,000
03161	Dr. Maw's, $10\frac{1}{4}$ by 8 in. ..	-/6	-/9	1/4	3/3	5/6	10/-
03162	Do. four hourly ..	-/6	-/9	1/4	3/3	5/6	10/-
03163	Gould's	1/-	1/9	3/-	7/-	13/-	24/-
03164	Do. four hourly.. ..	1/-	1/9	3/-	7/-	13/-	24/-

03165 Dr. Maw's in books of twelve .. .. .. per doz. books 0 4 6

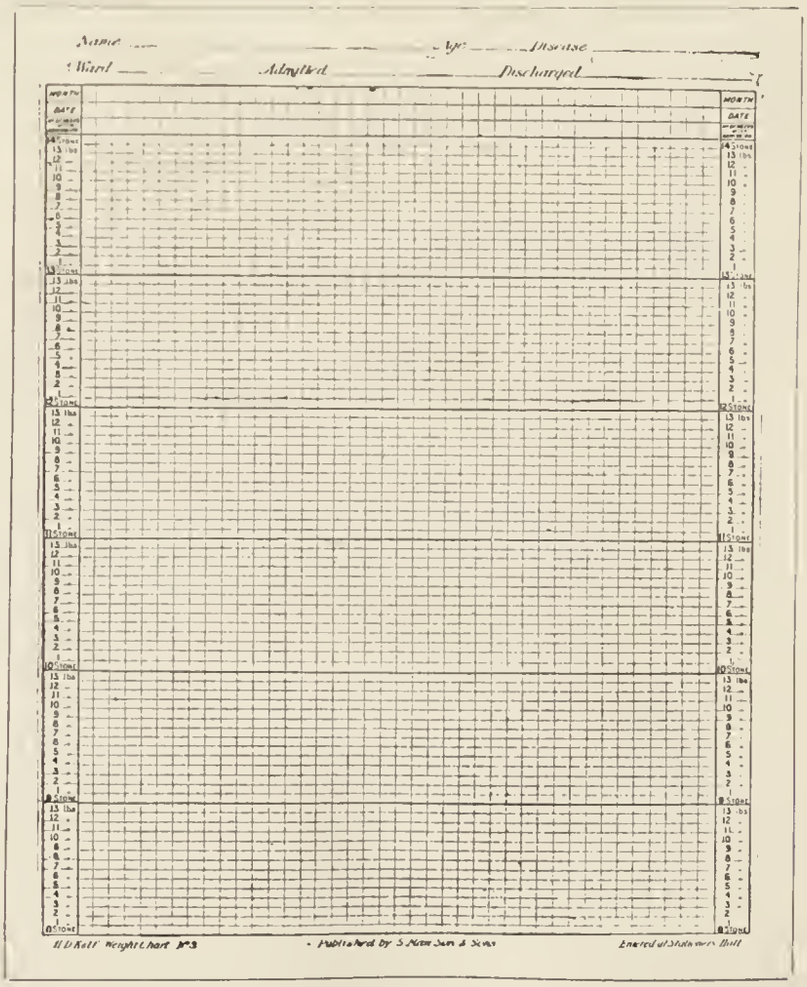
Clinical Instruments, etc.—Contd.—



No. 03166 £ s. d.

03166 **Charts, Maternity,** with spaces for recording the different stages of labour, temperature, etc., size, 13 by 18, per 25, 1/6 ; 50, 2/9 ; 100, 5/- ; 250, 11/6 ; 500, 22/- ; 1,000 .. .. .. 2 1 0

When ordering, state whether No. 1, 1 lb. to 3 stone,



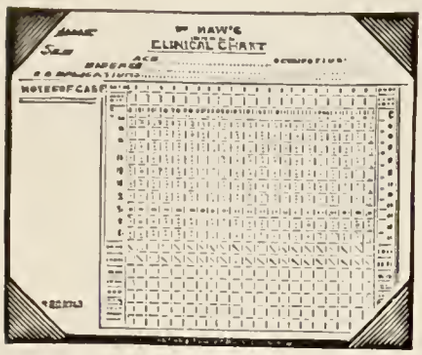
No. 2, 3 st. to 9 st., or No. 3, 8 st. to 14 st., is required.

03167

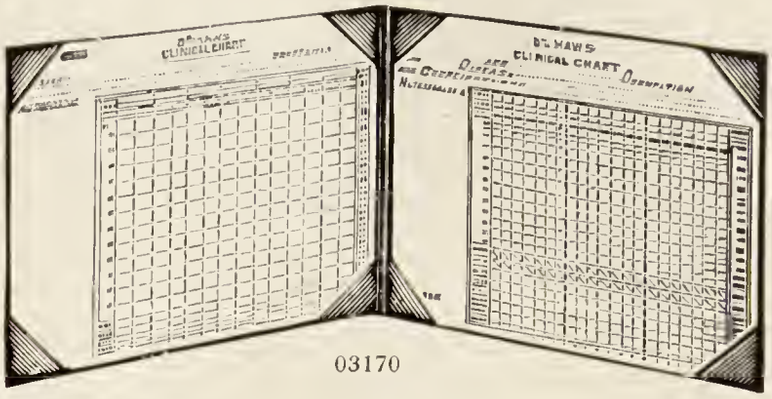
03167 **Charts, Weight,** Kelf's, No. 1, from 1 lb. to 3 stone ; No. 2, from 3 stone to 9 stone ; No. 3, from 8 stone to 14 stone ; per 25, 1/- ; 50, 1/6 ; 100, 2/6 ; 250, 5/3 ; 500, 8/6 ; 1,000 .. 0 15 0

03168 Do. do., for Infants up to 26 weeks, No. 4 (same prices as above)

Clinical Instruments, etc.—Contd.—

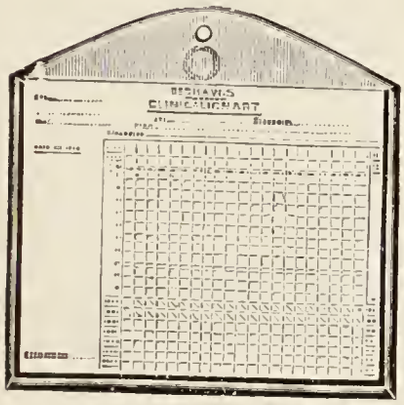


03169

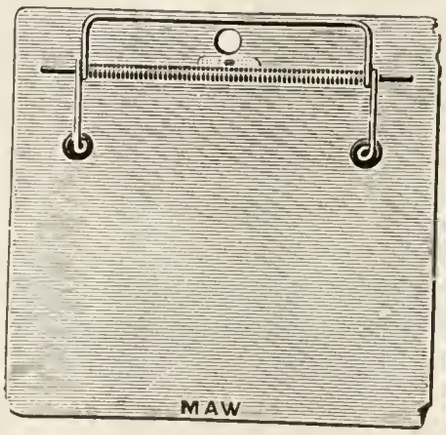


03170

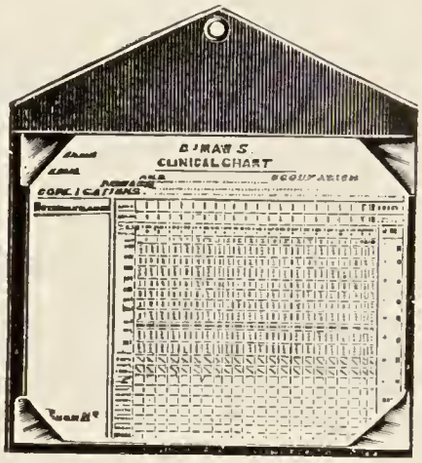
No.	**Chart Holders—**	£	s.	d.
03169	Card, with leather corners, single, 10¼ by 8 in. .. per doz.	0	4	0
03170	Do. do., double, folding, 10¼ by 8 in. ,,	0	8	0



03171



03172



03173

03171	Japanned tin, with grooved edges, 10¼ by 8 in. .. per doz.	0	12	0
03172	Do. do. (white) with strong nickel-plated spring clip ,,	1	8	0
03173	Leatherette and Card, with metal corners, 10¼ by 8 in. ,,	0	12	0

Clinical Diagrams, printed on gummed paper—

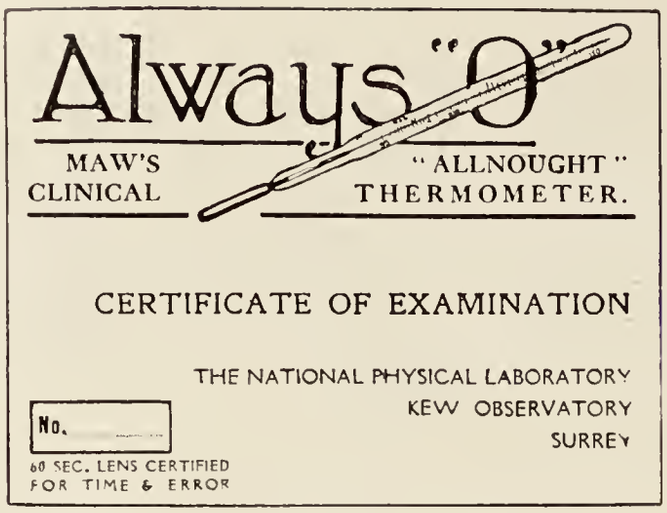
		per 25.	50.	100.
03174	Body, with nerve regions, front and back	2/-	3/6	6/-
03175	Do. plain outline, small	1/-	2/-	3/6
03176	Brain, external surfaces, 6 diagrams	2/3	4/-	7/6
03177	Do. vertical sections, 7 diagrams	2/3	4/-	7/6
03178	Do. horizontal sections, 6 diagrams	2/3	4/-	7/6
03179	Eye, 2 diagrams	1/-	1/9	3/-
03180	Head, with nerve regions, 2 side views	1/-	1/9	3/-
03181	Larynx, 4 diagrams	1/-	1/9	3/-
03182	Obstetric and Gynæcological, 4 diagrams	2/-	3/6	6/-
03183	Thorax and Abdomen, showing viscera, front and back	1/-	1/9	3/-
03184	Do. do., plain outline, front and back ..	1/-	2/-	3/6

03185

Clinical Thermometers, in nickel-plated cases—

03185	Maw's "Easy-Set," 2-3 minute	0	1	0
03186	Do. do. do., magnifying	0	1	3
03187	Do. do. 60-seconds	0	1	6
03188	Do. do. do., magnifying	0	1	9
03189	Do. do. 30-seconds	0	1	9
03190	Do. do. do., magnifying	0	2	9

Clinical Instruments, etc.—Contd.—



03191-92

No.	**Clinical Thermometers—Contd.—**	£	s.	d.
	Maw's "Allnought" Easy Set, certified by the National Physical Laboratory at Kew to be free from all corrections and to be accurate as to time—			
03191	30-seconds, magnifying	0	7	6
03192	60-seconds, magnifying	0	6	6

This thermometer has been put upon the market to meet a demand amongst physicians and surgeons for a very high-class instrument free from all corrections. It is recommended with the utmost confidence, as it is accompanied by a Kew Certificate, showing all noughts and certifying absolute accuracy as regards time. It is impossible to obtain a more perfect instrument.

03193

	Maw's Patent, Aseptic—			
03193	2-3 minute, magnifying	0	1	3
03194	60-seconds, magnifying	0	1	6
03195	30-seconds, magnifying	0	1	9

This Thermometer is the most perfect of its kind. The scale is etched on an internal tube permanently fixed in the outer casing of the Thermometer. It will be readily seen that the Thermometer, having a perfectly smooth surface, can be most effectually cleaned, and is absolutely germ-proof; there is also no possibility of the scale being effaced by use.

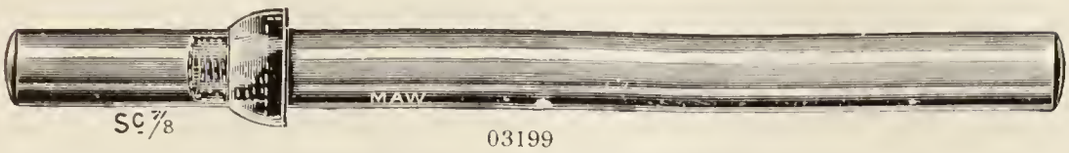
03196	Maw's, Tapering, for Hospital use, without cases, in 3-doz. quantities, per doz., 30-seconds, **9/9**; 60-seconds, **9/-**; 3-minute	0	6	9
03197	Do. do. do., in 6-doz. quantities, per doz., 30-seconds, **9/3**; 60-seconds, **8/7**; 3-minute	0	6	5
03198	Do. do. do., in 12-doz. quantities, per doz., 30-seconds, **8/10**; 60-seconds, **8/2**; 3-minute	0	6	1

NOTE.—Every clinical thermometer manufactured by S. Maw, Son & Sons is guaranteed. A Kew Certificate can be obtained with each instrument, if required, at a cost of **1/2**.

BREAKAGES.—Every precaution is taken in packing Clinical Thermometers, but, owing to the fragile nature of their construction, the firm decline to take the responsibility of their safe transit, either by post or any other means of conveyance; they are sent out entirely at the purchaser's risk.

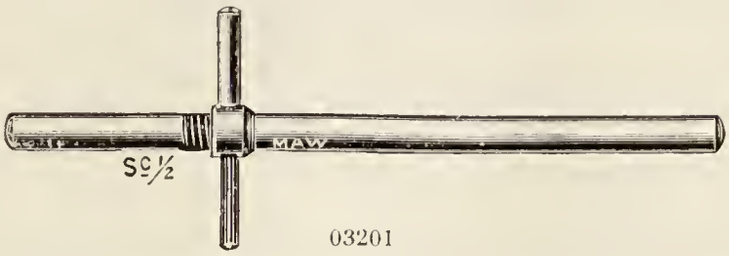
UNPACKING.—Clinical Thermometers (for the home trade) are always removed from their cases before packing, and the cases are packed separately. It is necessary to remember this fact when unpacking.

Clinical Instruments, etc.—Contd.—



03199

No.	Clinical Thermometer Cases (special varieties)—	£	s.	d.
03199	Nickel-plated, with lead collar, for carrying the thermometer immersed in spirit	0	3	0
03200	Silver, ordinary pattern with screw-on top, "Hall" marked ..	0	3	0

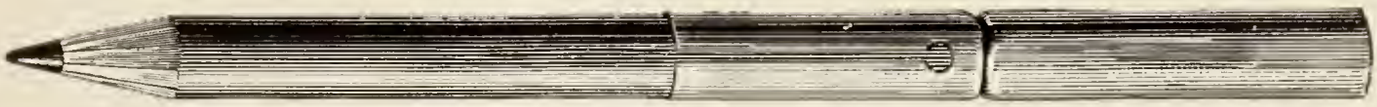


03201

03201	Grafton's, with device for setting the thermometer by centrifugal force	0	1	0

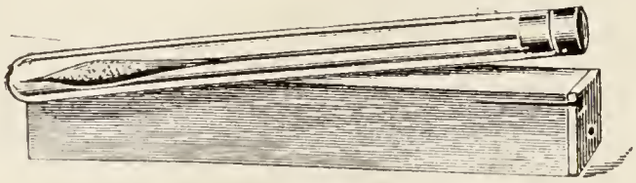
03202

03202	**Cyrtometer,** Gee's, pliable metal, covered with elastic gum	0	5	0
03203	Do. tape	0	2	0



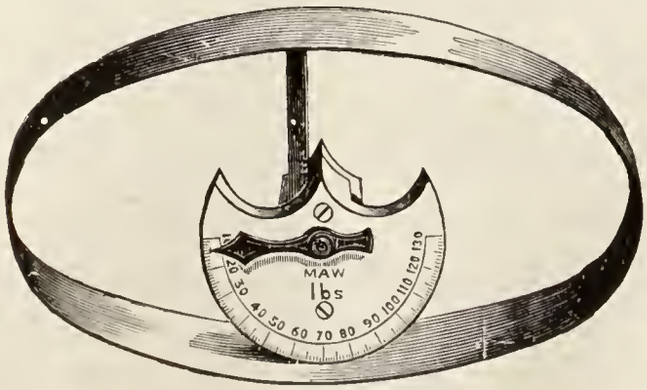
03204

03204	**Dermatograph Pencils,** for marking the skin, 4½ in., with point protector per doz.	0	3	0
03205	Do. do., 6 assorted colours in box, with point protector per box	0	1	6



03206

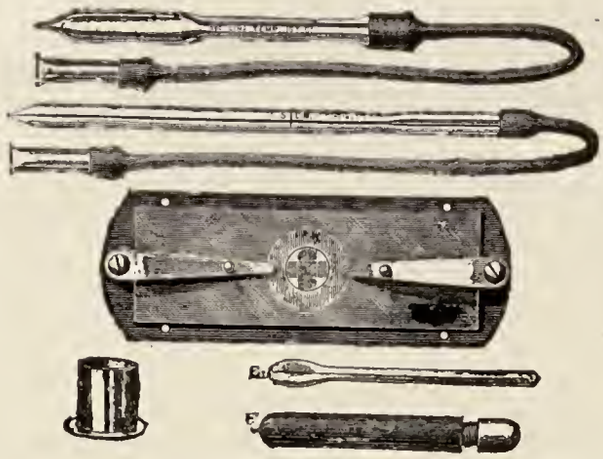
03206	**Diagnosis Tubes,** sterilised, with wire probe and swab, each in strong wood case, with label, ready for post .. per doz.	0	2	6
03207	Do. do., without case and label .. .. .. ,,	0	1	6
03208	**Diagram Stamps,** india-rubber, for front and back of thorax, complete in box with ink and pad .. .. .. per pair	0	8	6



03209

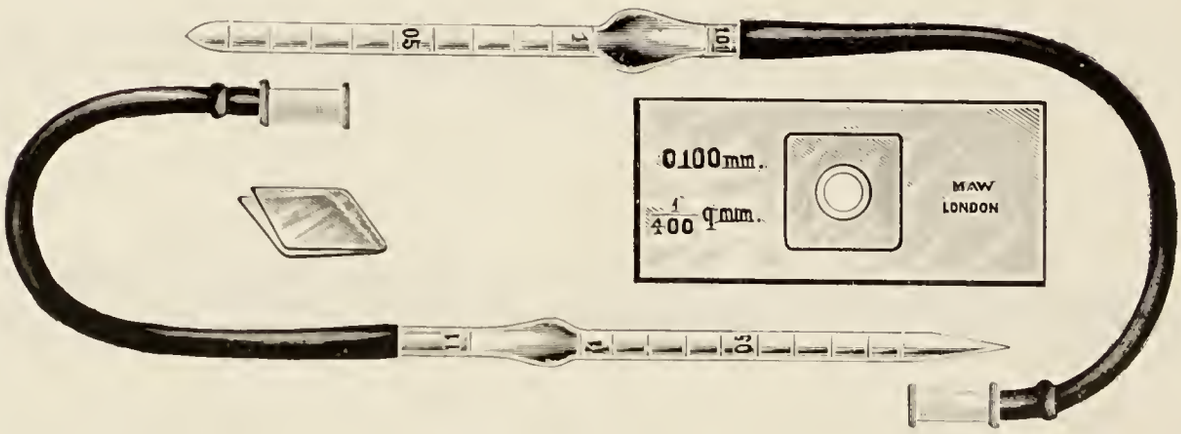
03209	**Dynamometer,** with graduated scale for testing the grasp of the hand, **18/6** and	2	2	0

Clinical Instruments, etc.—Contd.—



03210

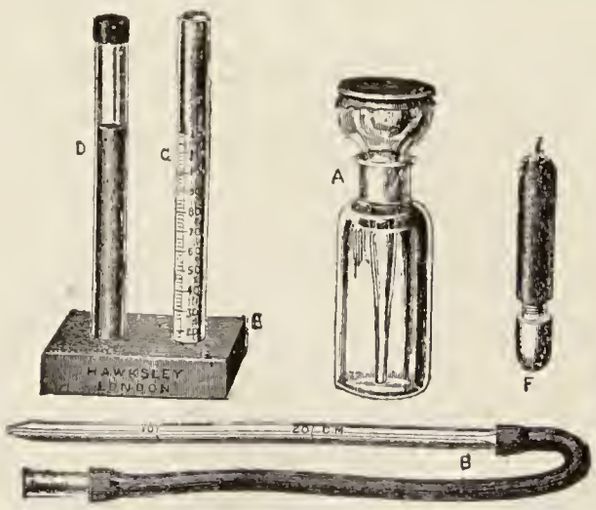
No.	**Hæmacytometers—**	£	s.	d.
03210	Gower's, with pipette, capillary tube, counting chamber, lancet, etc., in case	2	12	6



03211

03211	Thoma's (Zeiss), with mixing pipettes for both red and white corpuscles	1	10	0
03212	Extra pipettes for either red or white corpuscles .. each	0	6	0

The counting chamber in Thoma's instrument has a cell with a uniform depth of 0·1 m/m; the bottom of the cell is ruled into 400 squares, each having an area of 1/400th of a square millimetre, so that the cubic contents of any fluid resting on the squares is exactly 1/4000th part of a cubic millimetre.

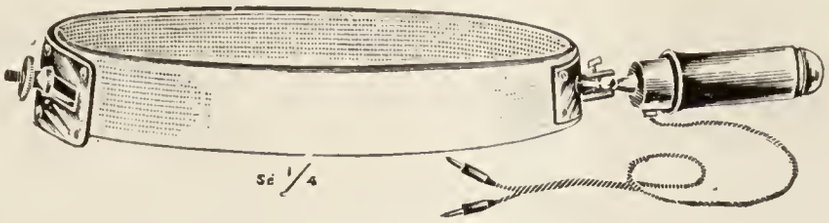


03213

Hæmoglobinometers—

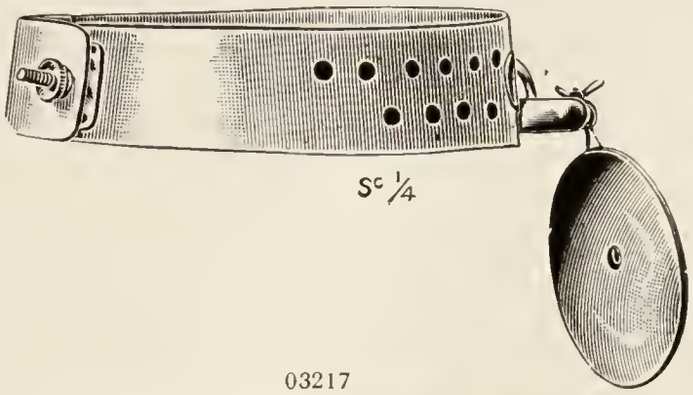
03213	Gower's, with capillary pipette for measuring the blood, complete in case	0	15	0
03214	Sahli's, with capillary pipette	0	12	6
03215	Talquist's	0	5	0

Clinical Instruments, etc.—Contd.—



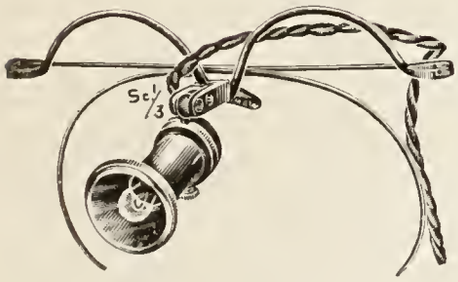
03216

No.	**Laryngoscopes, Head Lamps, etc.—Contd.—**	£	s.	d.
03216	Celluloid Band with electric lamp, 6 volt	1	1	0

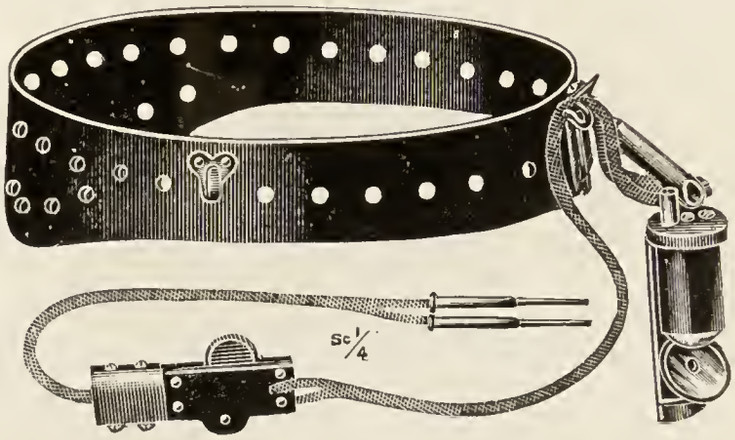


03217

03217	Celluloid Band with mirror	0	12	0



03218



03221

03218	Isaac's, parabolic, fitted to spectacle frame, 6 volt	0	16	6
03219	Do. do., with head band, 6 volt	0	17	6
03220	Spare lamps for do. .. .. each	0	2	0
03221	Kirstein's, as recommended by Killian	2	17	6

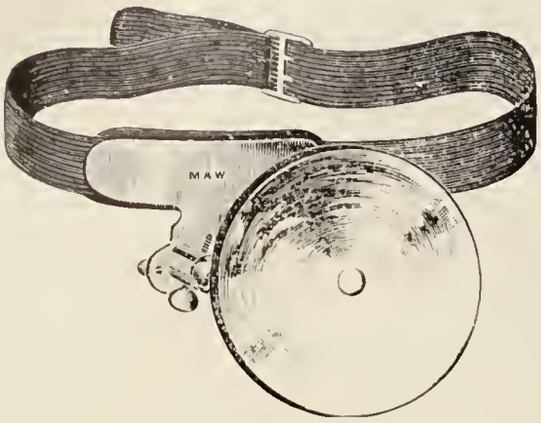
For other lamps see pages 199 to 203.

03222

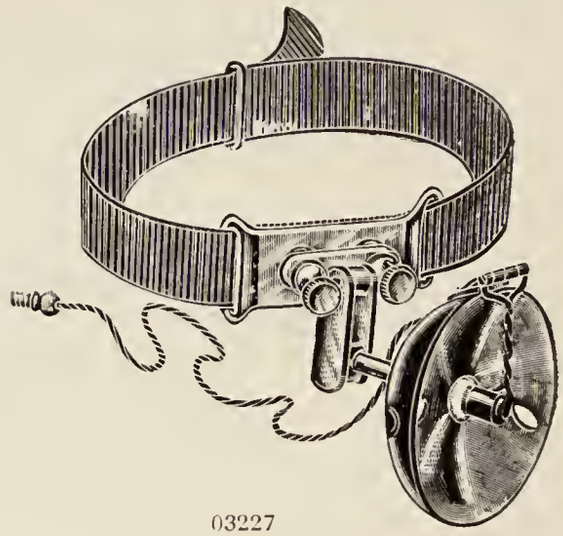
03224

03222	Lennox Browne's, with spectacle frame, 3 laryngeal mirrors and adjustable metal handle, in leather case	1	10	0
03223	Do. do., in aseptic metal case	1	16	0
03224	Mackenzie's, with spectacle frame, 3 laryngeal mirrors and handle, in leather case	1	10	0
03225	Do. do., in aseptic metal case	1	16	0

Clinical Instruments, etc.—Contd.—

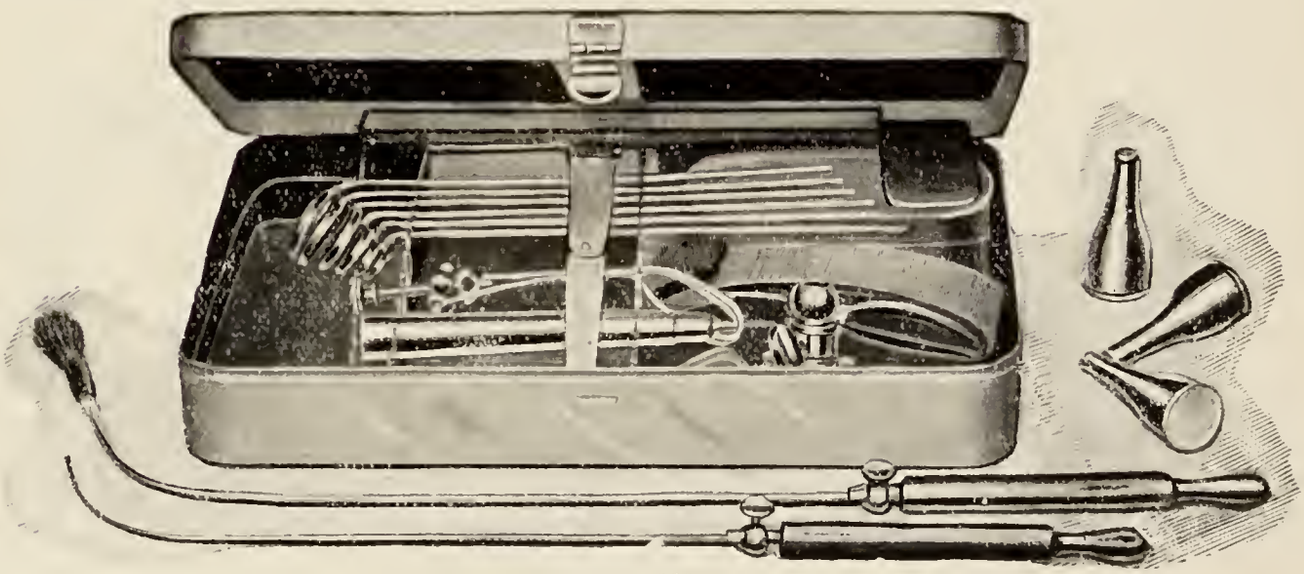


03226



03227

No.	**Laryngoscopes—Contd.—**	£	s.	d.
03226	Marconi's (Vienna pattern), with head band, 6 laryngeal mirrors, 3 throat brushes, probe and metal handle, in leather case ..	1	10	0
	The above set can be supplied with the addition of 3 *ear specula, if required, at an extra charge of* 6/-.			
03227	Parabolic, with lamp and headband, 3 volts	2	8	0

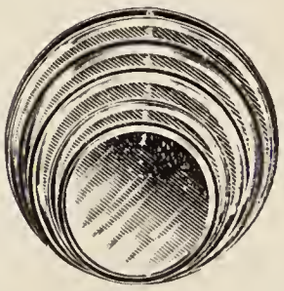


03228

03228	Marconi's, with 6 laryngeal mirrors, 3 throat brushes, probe, sponge holder, and 2 handles, Frankel's nasal speculum, 3 ear specula, and crew handle for attaching to large mirror, for ear examinations, complete in aseptic metal case	2	5	0

03229

03230

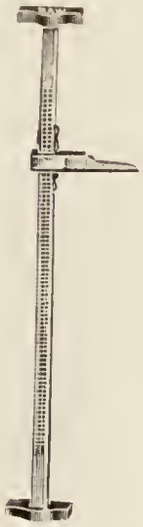


Actual Sizes.

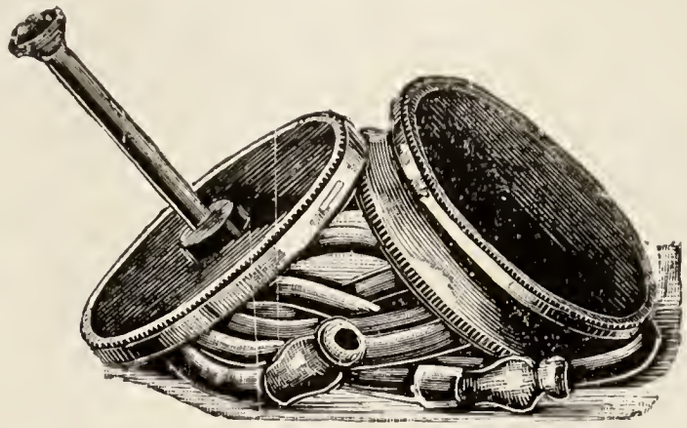
Laryngeal Mirrors—

03229	In fixed metal handles, 6 sizes	each	0	1	3
03230	In screw metal handles, 6 sizes	,,	0	2	0
03231	Without handles, 6 sizes	,,	0	1	0

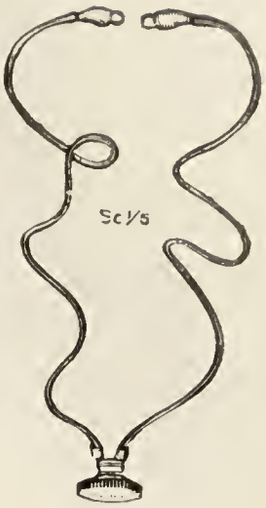
Clinical Instruments, etc.—Contd.—



03232

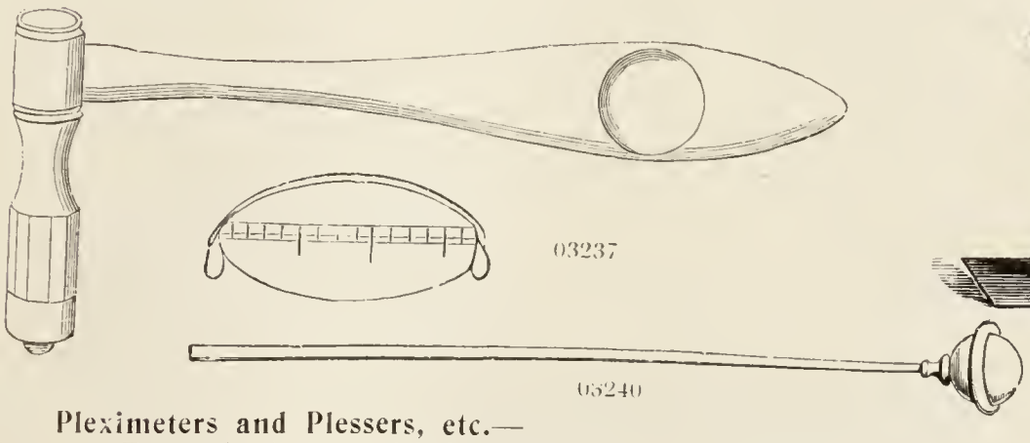


03235



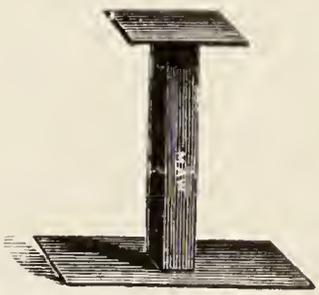
03236

No.		£	s.	d.
03232	**Measuring Standard,** for height, for fixing to door or wall	0	10	0
	Measuring Tapes—			
03233	Linen, in plated case, with spring, best quality 6 ft., **3/-**; 3 ft.	0	2	2
03234	Steel, do. do. do. do. 6 ft., **4/6**; 3 ft.	0	3	0
	These measures are marked one side in inches, and the other in centimetres.			
03235	**Phonendoscope,** Bianchi's, in soft pouch, with catch fastening ..	0	15	0
03236	Do. miniature, in leather pouch	0	4	0



03237

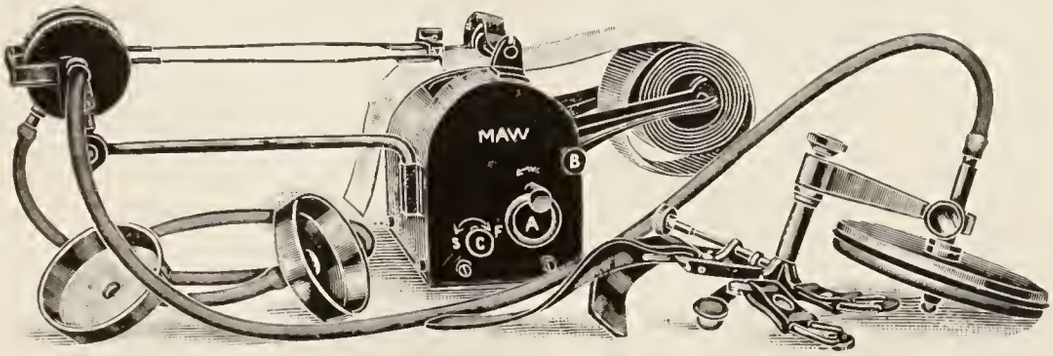
03240



03239

Pleximeters and Plessers, etc.—

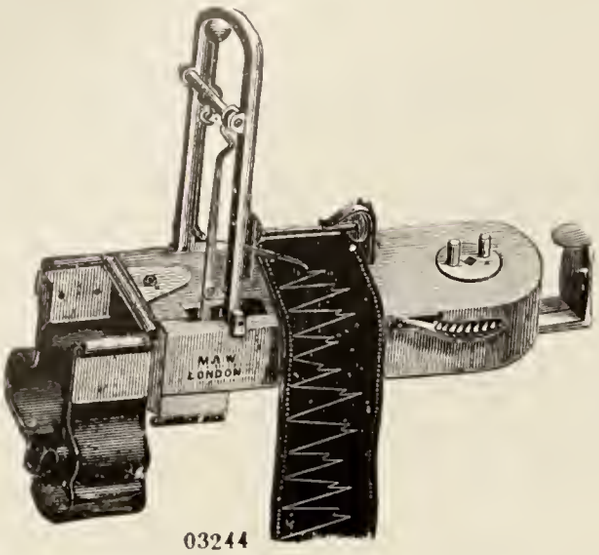
03237	Bennet's, ivory, with hammer, in case, complete..	0	9	0
03238	Ewart's, vulcanite, as No. 03239, but with rounded angles ..	0	2	0
03239	Sansom's, vulcanite, with square angles	0	2	0
03240	Vernon's, hammer, with flexible whalebone stem and rubber ring	0	3	0
03241	Stansfeld's percussor, with horn handle, leaden head and india-rubber ring	0	1	9



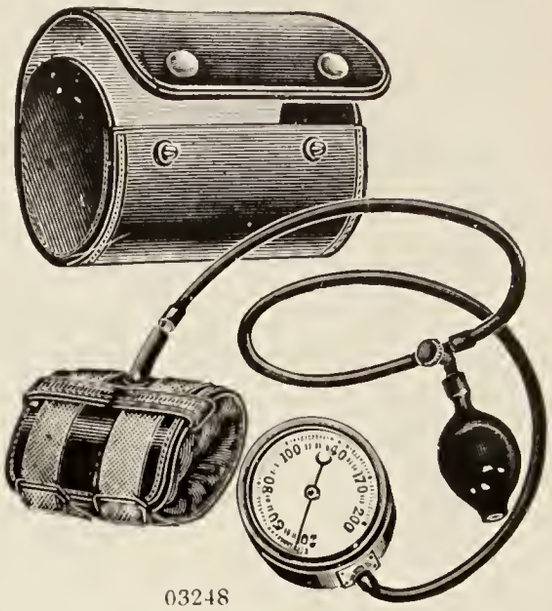
03242

03242	**Polygraph,** Mackenzie's, known as the "ink polygraph," and consisting of clock-work motor and time marker (1/5th of a second), two writing tambours, wrist tambour with attachment, paper holder, 2 cup receivers, 4 tambour pens, 2 time marker pens, 12 paper rolls, bottle of ink, methylated spirit, 2 india-rubber tubes, dividers, etc., complete in case ..	11	1	2
03243	Papers for use with above .. .. per doz. rolls	0	2	8

Clinical Instruments, etc.—Contd.—



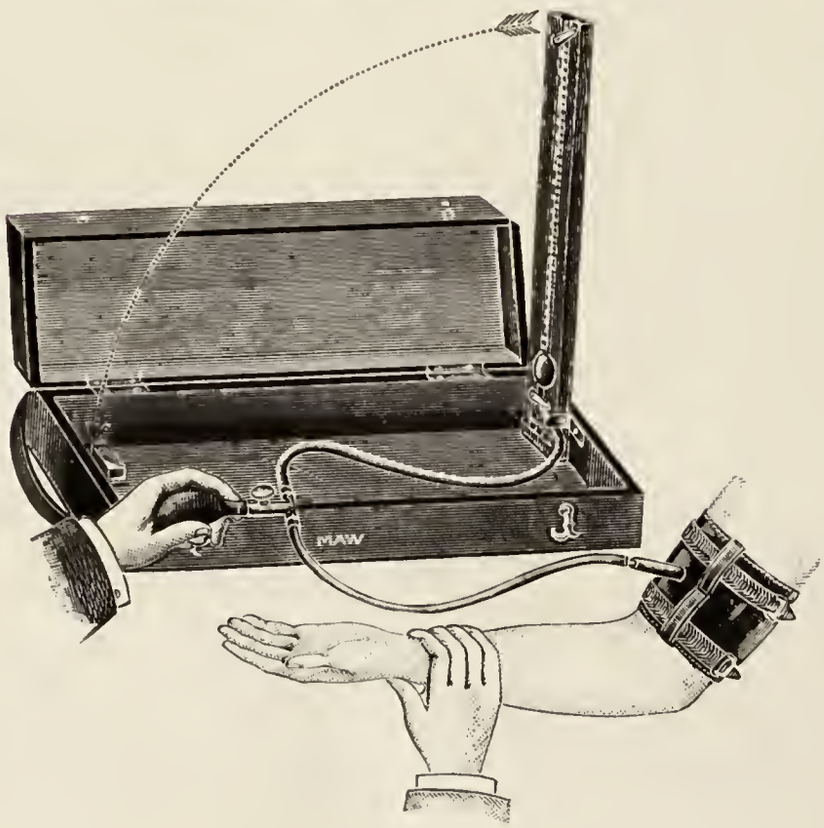
03244



03248

No.		£	s.	d.
	Sphygmographs—			
03244	Maw's modification of Dudgeon's, the smallest and most accurate instrument of its kind obtainable, complete in leather case The bridge folds down on to the body of the instrument when not in use.	2	5	0
03245	Dudgeon's, original model, in leather case	2	5	0
03246	Sphygmograph papers .. .. per 100	0	0	8
03247	Flat case, leather-covered, to hold a supply of smoked papers ..	0	2	3
	Sphygmomanometers—			
03248	The "Systol"—a non-mercurial, portable instrument for determining both the diastolic and systolic readings of the arterial pressure, complete in leather case	3	3	0

Explanatory leaflet free on application.



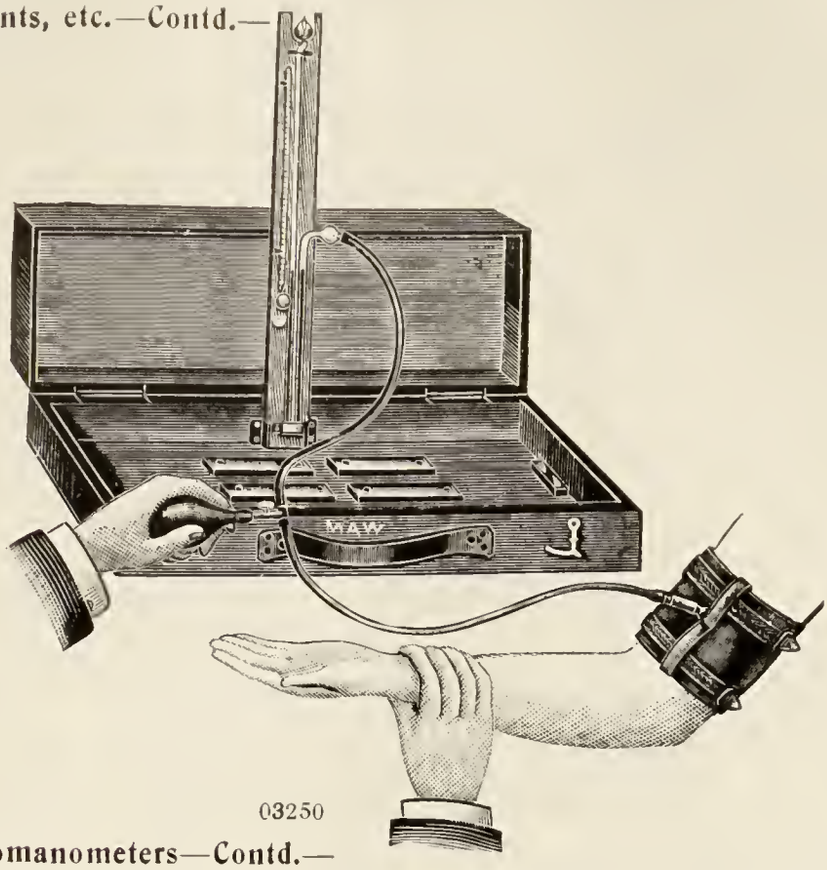
03249

03249	The "Harley" (unspillable), constructed with open scale and round bulb	1	15	0

On account of the large surface of mercury exposed to pressure in the round bulb (as opposed to the ordinary cylindrical bulb), the displacement due to the rise of mercury in the tube is so small that it cannot be measured and may be ignored. As the bulb is only one-third full, and the tube which admits the air terminates exactly in the centre of the bulb, it is obvious that the mercury cannot be lost or upset.

Explanatory leaflet free on application.

Clinical Instruments, etc.—Contd.—



03250

No.	**Sphygmomanometers—Contd.—**	£	s.	d.
03250	Martin's, improved, so constructed that the mercury is unspillable and cannot be forced out by extreme pressure ..	1	10	0

Explanatory leaflet free on application.

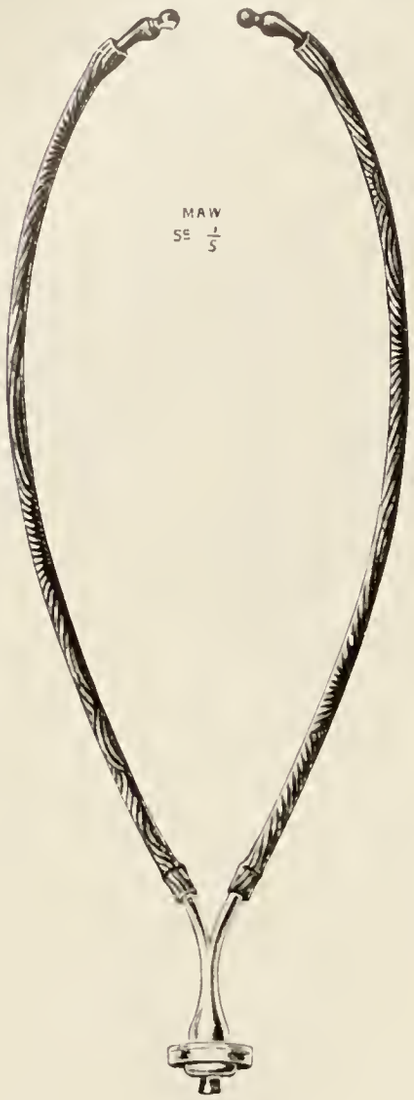
03251

03252

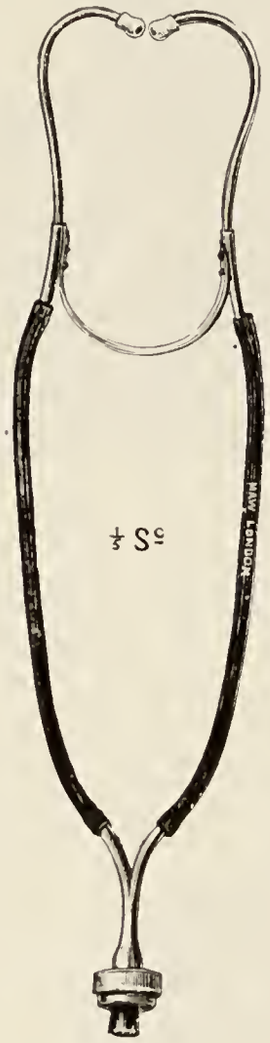
03251	The "Tycos," a non-mercurial instrument with strapless arm sleeve, for determining both diastolic and systolic readings of the arterial pressure, complete in leather case	5	0	0
	Sphygmometer, a watch with specially constructed dial and mechanism which registers the frequency of the pulse with mathematical precision and precludes all errors—			
03252	In oxidized steel case	2	12	6
03253	In silver case	3	0	0

Gold cases made to order, if required.

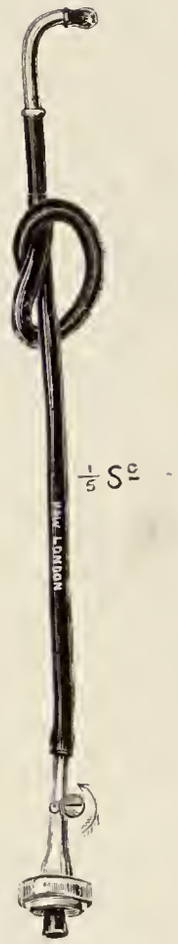
Clinical Instruments, etc.—Contd.—



03254

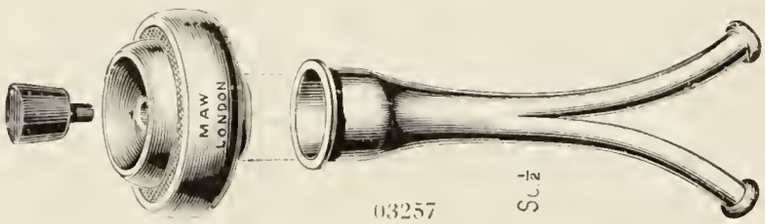


03255



03256

No.		£	s.	d.
03254	**Stethonoscope** (patent), fitted with arabesque rubber tubes and vulcanite ear pieces	0	8	6
03255	Do. do., fitted to ordinary binaural stethoscope	0	11	6
03256	Do. do., fitted to Sir Andrew Clarke's single tube stethoscope	0	9	6



03257

03257 **Stethonoscope** (patent), chest piece and junction tubes only, in leather case 0 7 0

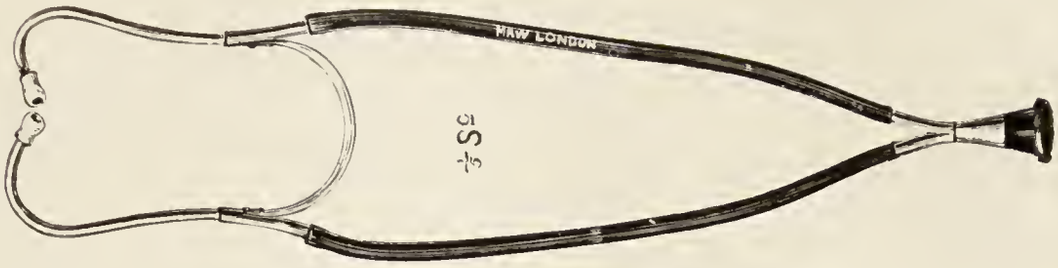
The stethonoscope is an improved instrument for auscultation, by means of which obscure heart murmurs and rales can be easily detected. It is constructed upon the same principle as the microphone, and will be found a great addition to the ordinary forms of binaural stethoscopes, inasmuch as it enables the user to auscultate through the clothes without having to compel the patient to undress. It does not easily get out of order, and being made of aluminium, is exceeding light.

03258

Stethoscopes—

03258 Sir Andrew Clarke's, with single india-rubber tube and ear-piece 0 3 6

Clinical Instruments, etc.—Contd.—

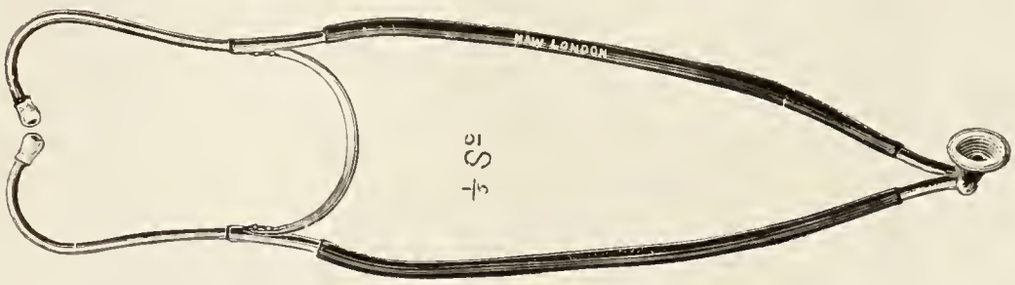


03259

No.	Stethoscopes, Binaural—	£	s.	d.
03259	"Clinical," with ebony chest piece, best quality	0	6	0
03260	Do. do., medium quality	0	5	0
03261	Do. do., "B" quality	0	3	0

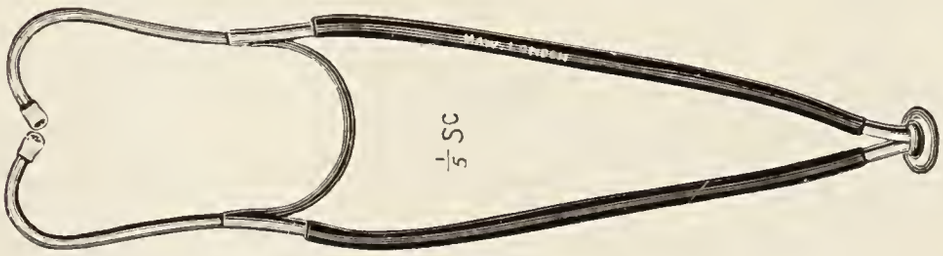
03262

03262	"Clinical," with finger rest and ivory chest piece, best quality..	0	10	6
03263	Do. do. and ebony chest piece, best quality..	0	9	0



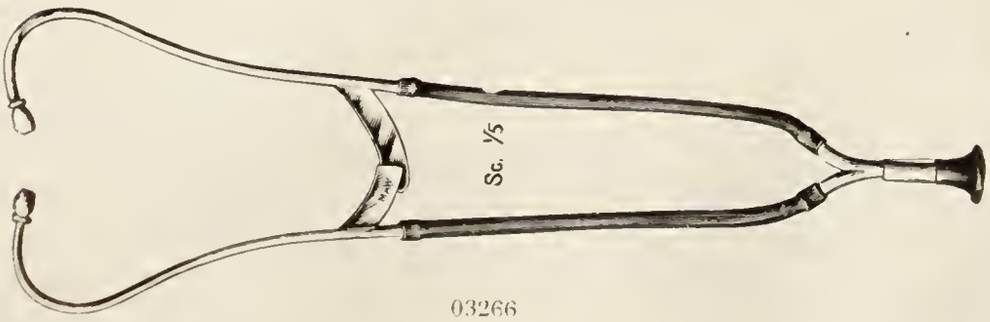
03264

03264	"Clinical," with Wood's ivory chest piece, for auscultation in the recumbent position..	0	9	0



03265

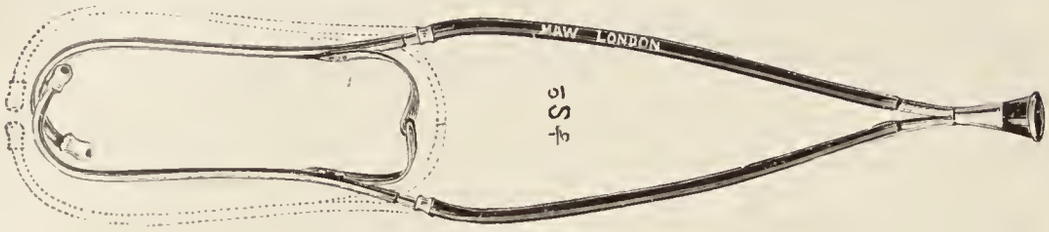
03265	"Clinical," with Wethered's ivory chest piece	0	9	0



03266

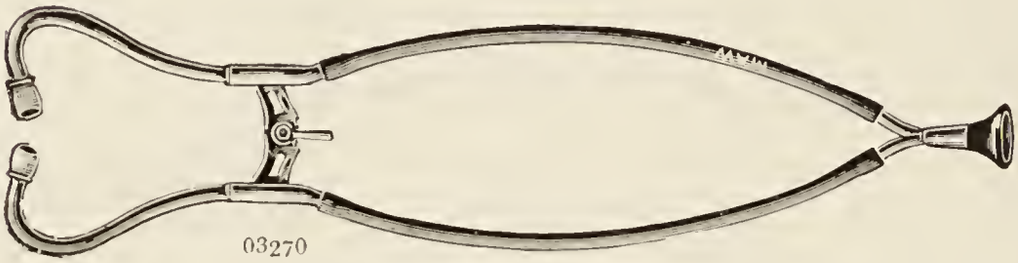
03266	Folding, adjustable, without spring..	0	7	0

Clinical Instruments, etc.—Contd.—



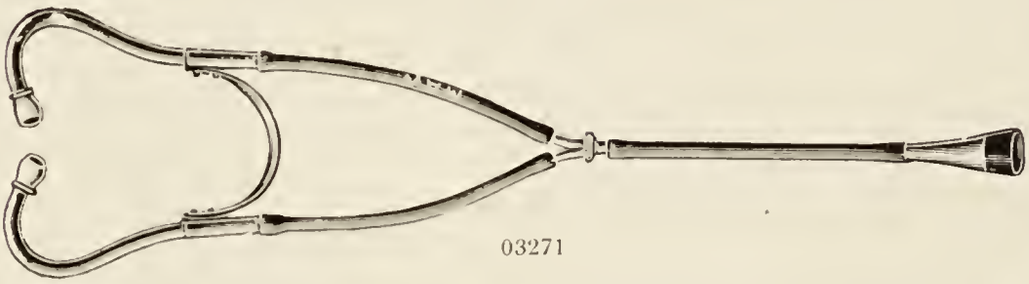
03268

No.	**Stethoscopes, Binaural—Contd.—**	£	s.	d.
03267	Folding, Sansom's, with reversible chest piece, convenient for carrying in the pocket	0	8	6
03268	Do. do., fitted with flexible metallic tubing..	0	9	0
03269	Leather pouch for do.	0	1	6



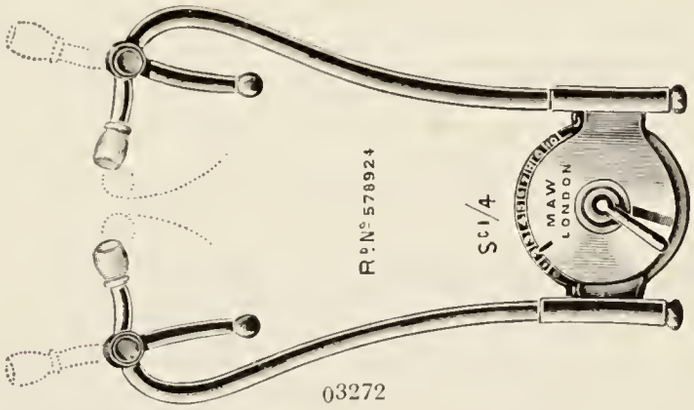
03270

03270	Herschell's, hinged. with fixing clamp	0	10	6



03271

03271	Middlesex Hospital pattern	0	8	0



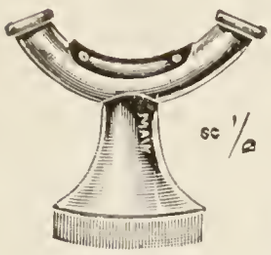
03272

03272	Symon's, combined with Cephalometer, complete with tubing and chest-piece	1	16	0
03273	Sterne's, with plain rubber tubes and vulcanite ear pieces ..	0	3	6

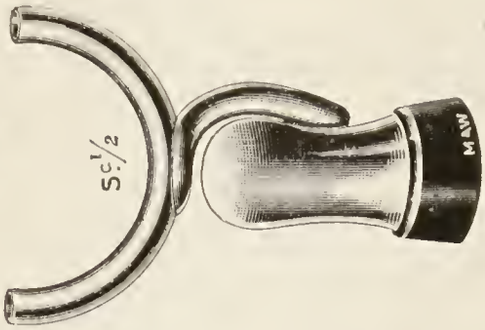
03274

03274	Hollis's, india-rubber	0	6	6
03275	Wynter's, with continuous metal tube	0	7	0

Clinical Instruments, etc.—Contd.—

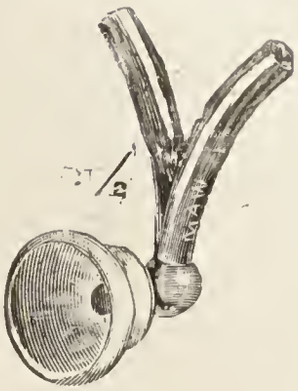


03276



03278

03282



03283

No.	Stethoscope Chest Pieces—	£	s.	d.
03276	Charsley's, ivory	0	4	6
03277	Do. ebony	0	3	0
03278	" Phonophore "	0	4	6
03279	Resonant	0	2	6
03280	Ross's, revolving	0	4	6
03281	Wethered's, ebony	0	3	6
03282	Do. ivory	0	4	6
03283	Wood's, ivory	0	4	6
03284	**Stethoscope Ear Pieces,** india-rubber .. .. .. per doz.	0	2	6
	Stethoscope Tubing—			
03285	Arabesque .. .. per yd.	0	1	6
03286	Red, ordinary .. .. ,,	0	1	3
03287	Do. stout .. .. ,,	0	1	6

03288

03289

03291

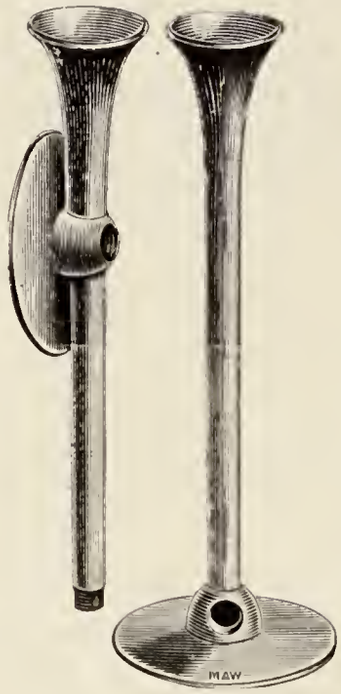
	Stethoscopes, Single—			
03288	Biss's, vulcanite, with interchangeable ear plate	0	3	6
03289	Burrow's, ebony, with screw-off ebony ear plate	0	2	6
03290	Do. do., with screw-off ivory ear plate	0	6	0
03291	Duckworth's, cedar, turned in one piece	0	2	6

03292

03292	Farncombe's, cedar	0	2	0

Clinical Instruments, etc.—Contd.—

03293



03295

03296

No.	Stethoscopes, Single—Contd.—	£	s.	d.
03293	Fergusson's .. .. cedar or walnut, 2/6 ; pine	0	2	0
03294	Nickel-plated, with screw-off vulcanite ear plate	0	2	0
03295	Portable, cedar or satinwood	0	2	6
03296	Stokes's, with conical ear plate	0	2	0

03297

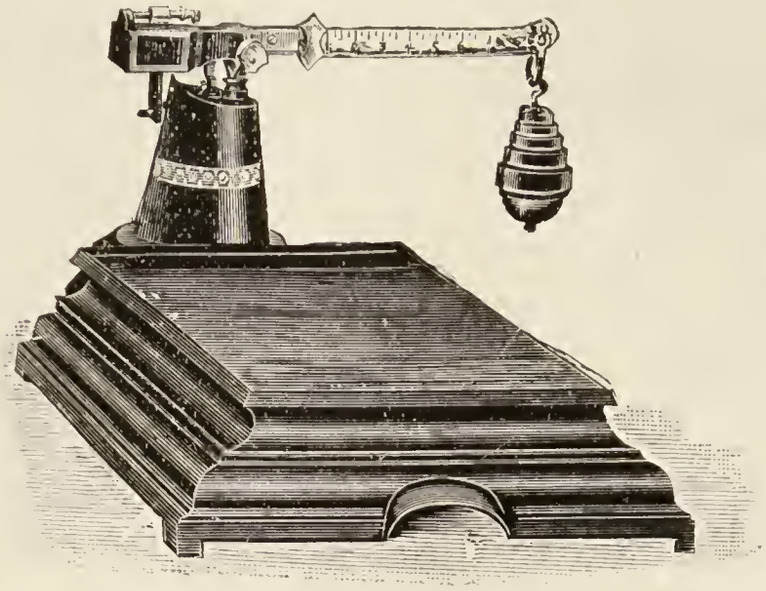
03298

03301

03302

03297	Stokes's, cedar, with flat ebony ear plate and india-rubber ring	0	2	6
03298	Vulcanite, with screw-off ear plate	0	2	6
03299	Do. do., War Office pattern	0	2	0
03300	Do. to unscrew in centre	0	2	6
03301	Walsh's, with solid stem	0	2	6
03302	Do. hollow, with vulcanite ear plate	0	2	6
03303	**Stethoscope Clip,** for holding a stethoscope inside a hat	0	1	6
03304	**Stethoscope Cushion,** india-rubber, for fitting over the end of a chest piece	0	1	0

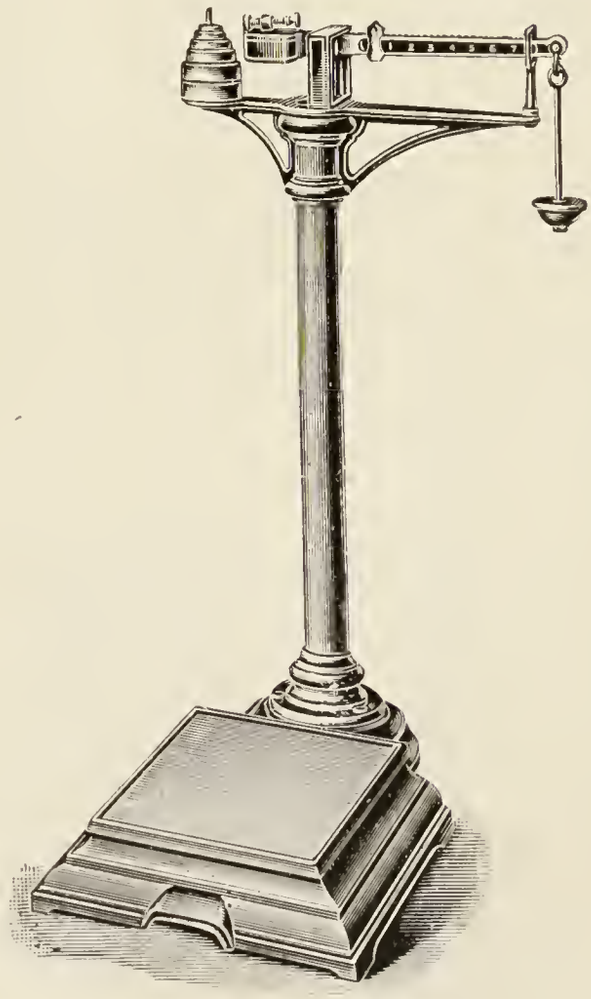
Clinical Instruments, etc.—Contd.—



03305

No.	Weighing Machines—	£	s.	d.
03305	Personal weighing machine, to weigh up to 24 stone, dimensions of base, 14 in. by 25 in.; height, 10 in.; weight about 47 lbs.	1	3	0
03306	Do. do., lighter make, dimensions of base 12½ in. by 22¼ in.; height, 8 in.; weight about 34 lbs.	0	19	6
03307	Wood stand for do., to raise the machine 20 in. from ground ..	0	7	6

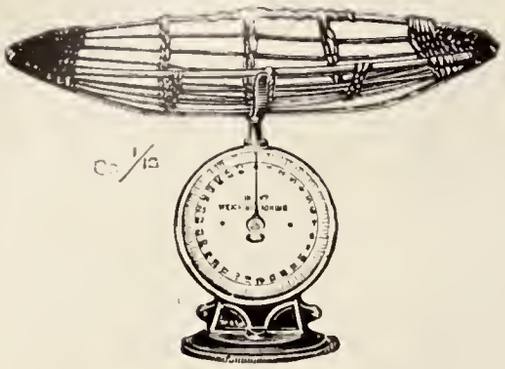
03308



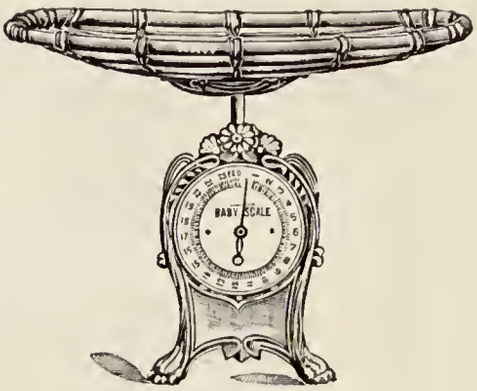
03310

03308	Machine with vibrating steelyard and sliding poise, weight about 65 lbs.; to weigh 24 stone; graduated in ounces ..	3	7	0
03309	Boxwood measuring standard to attach to above	0	11	6
03310	Machine with brass index and slide; weight about 57 lbs.; to weigh 24 stone	1	11	0
03311	Do. do. do., heavier make	2	2	0

Clinical Instruments, etc.—Contd.—



03312



03313

No.	**Weighing Machines for Infants—**	£	s.	d.
03312	Wicker pan and enamelled dial, to weigh up to 28 lbs.	0	16	6
03313	Do. do. do., "B" quality, not guaranteed ..	0	4	9

URINE TESTING APPARATUS.

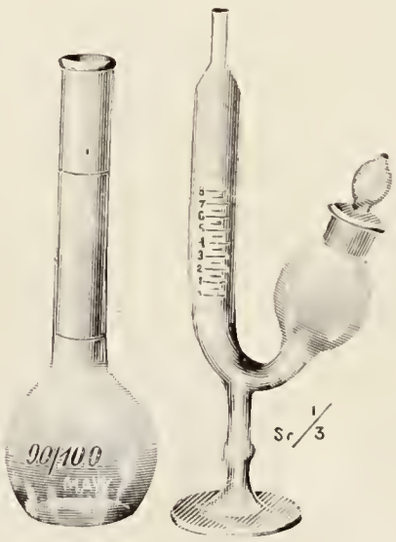
03315

No.	**Albuminometers—**	£	s.	d.
03314	Esbach's, with stand	0	1	0
03315	Do. without stand	0	0	9

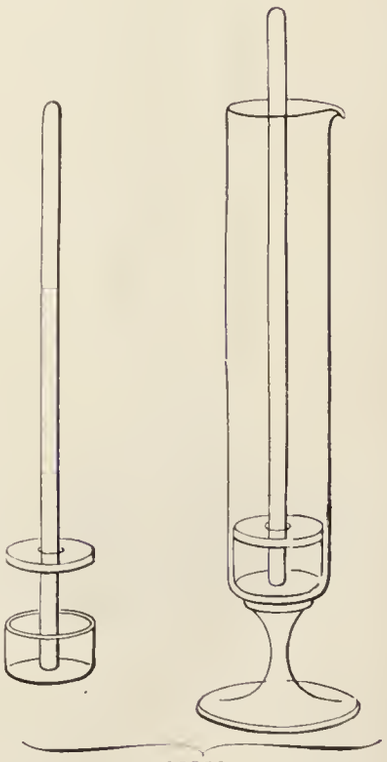
DIRECTIONS FOR USE.—Pour urine into the tube up to the mark U, and add the reagent up to R; now close the tube with the thumb and invert it several times so as to mix the fluid without shaking. Allow the tube to stand for 24 hours, then read off on the scale the height of the coagulum. The figures indicate the parts per 1,000 of dried albumen in the urine, which, divided by 10, will give the percentage. When the albumen is very abundant the urine should be diluted with an equal quantity of water and the result multiplied by two. If the urine is alkaline it must be first acidified with acetic acid. The reagent employed is a solution of picric acid containing 10 grammes to the litre with 20 grammes of citric acid.

Centrifugal Machines (see page 387 to 391).

03316



03328



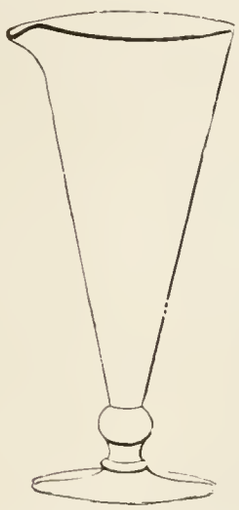
03329

03316	**Purinometer,** Hall's, for the clinical estimation of urinary purins ..	1	5	0

Working instructions supplied with each apparatus.

Urine Testing Apparatus—Contd.—

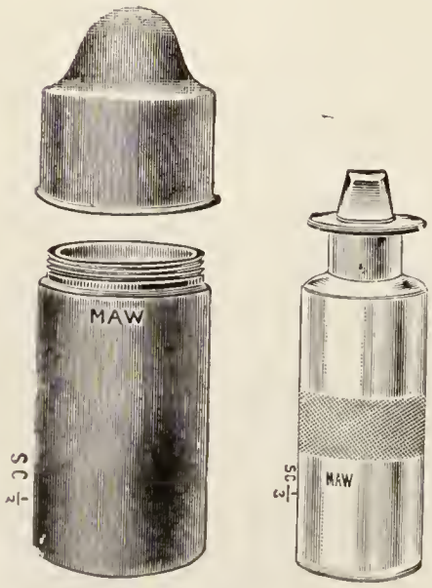
No.		£	s.	d.
	Reagents, etc.—			
03317	Bromide Capsules .. .. per doz.	0	6	0
03318	Endolytic Tubes, albumen, in boxes of 100 .. per box	0	4	9
03319	Do. do., glucose, in boxes of 100.. .. ,,	0	4	9
03320	Do. do., acetone, in boxes of 100 .. ,,	0	4	9
03321	Do. do., diacetic acid, in boxes of 100 .. ,,	0	4	9
03322	Metal Pocket Case, to carry 20 tests..	0	0	6
	The above tests can be packed in boxes of 100 *assorted if required.*			
03323	"Soloid" brand (B. W. & Co.), for Fehling's test, per carton containing 24	0	0	9
03324	"Soloid" brand (B. W. & Co.), for albumen (potassium ferrocyanide gr. i), per tube of 20..	0	0	6
03325	"Soloid" brand (B. W. & Co.), picric acid, gr. i., per tube of 20	0	0	6
03326	Pavy's Pellets, for sugar or albumen, in bottles of 12, per bottle	0	1	6
	Saccharometers—			
03327	Carwardine's	0	4	6
03328	Gan's, with flask and accessories complete in slide cedar box ..	0	4	6
03329	**Sediment Collector,** Dobell's	0	2	6


03330

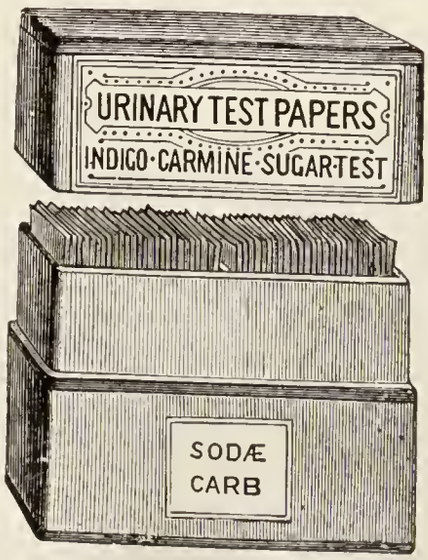
03333

03334

	Specimen Glasses—			
03330	Conical, on foot, 6 oz. capacity .. .. .. per doz.	0	8	0
03331	Do. do., with half ground foot for writing the patient's name .. .. per doz.	0	10	6
03332	Glass Covers for Specimen Glasses Nos. 03330 and 03331 ,,	0	4	6
03333	Cylindrical, with conical bottom, 6½ in. by 1½ in... ,,	0	6	0
03334	Do. on foot, 4 oz. capacity .. .. ,,	0	6	0



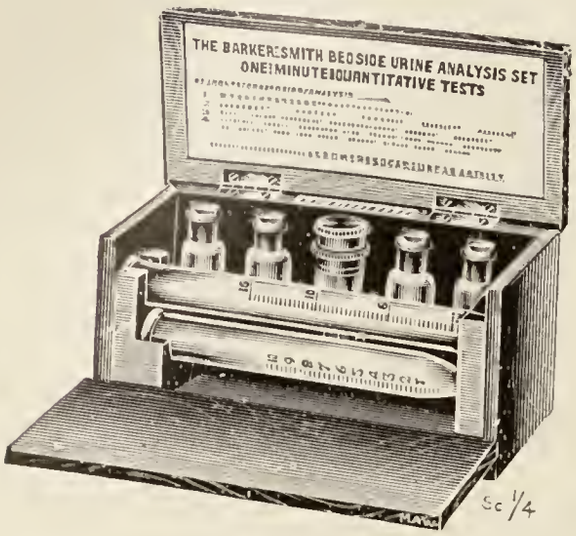
03335



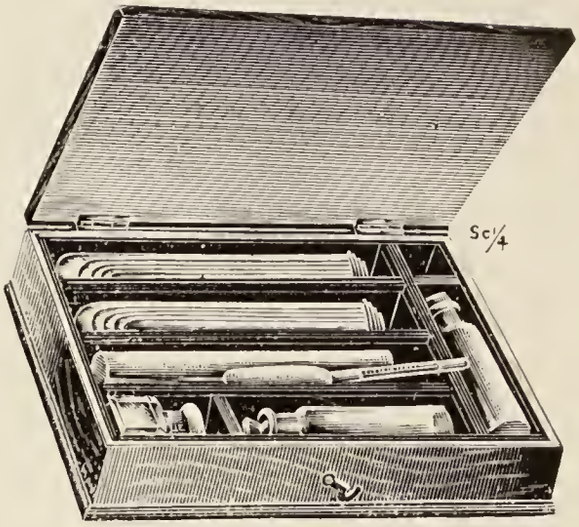
03349

03335	**Specimen Bottle,** 2 oz., portable, with ground label, in boxwood case	0	1	6
03336	**Spirit Lamp,** glass, 2 oz., with screw brass burner	0	1	4
03337	**Stirring Rods,** glass 8 in. .. .. per doz.	0	3	0

Urine Testing Apparatus—Contd.—

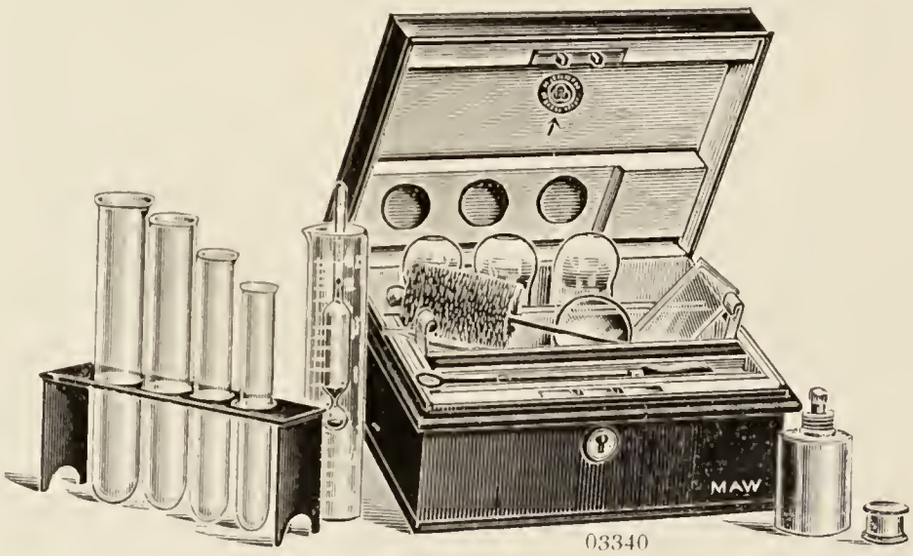


03338



03339

No.	Test Cases, Portable—	£	s.	d.
03338	Barker-Smith's, for qualitative and quantitative analysis, consisting of 4 bottles for reagents, spirit lamp, 2 graduated glass tubes and book of printed instructions, in mahogany case ..	0	17	6
03339	Board of Trade set, consisting of 12 tubes, urinometer and trial jar, 2 bottles for reagents and spirit lamp, in stained wood case	0	5	9



03340

03340	India Office model, japanned tin, 8 in. by 6 in. by 3¼ in., ...	0	18	6

CONTENTS:

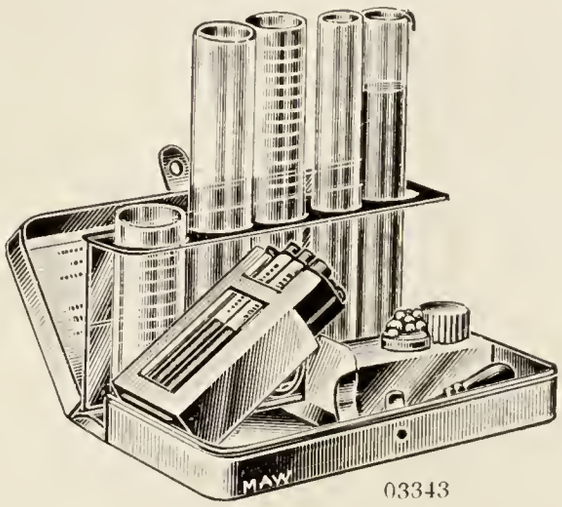
Bottles, capped and stoppered ..	3	Stirring Rod, glass	1	Test Tubes, glass, nested ..	6
Brass spirit lamp	1	Test Papers .. .. books	4	Thermometer, in case ..	1
Cover slips .. .. .. box	1	Test Tube Brush	1	Urinometer and Trial Jar ..	1
Microscopic slides	4	Test Tube Holder	1	Watch Glasses	6
Pipette, glass	1	Test Tube Stand, japanned tin ..	1		

03341

03342

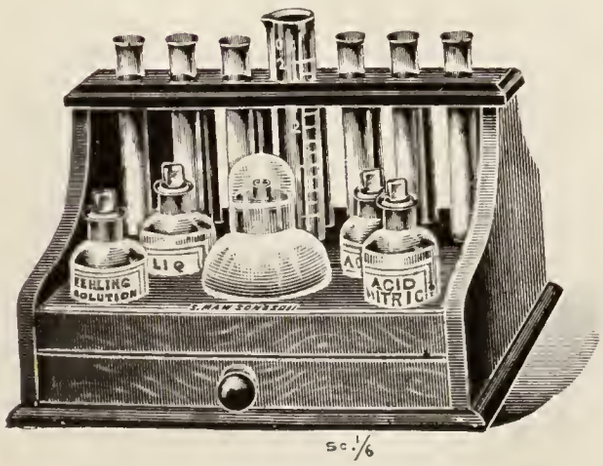
Urine Testing Apparatus—Contd.—

No.		£	s.	d.
	Test Cases, Portable—Contd.—			
03341	Oliver's, consisting of graduated drop tube, forceps, ruled paper, spirit lamp, test tubes and one packet each of the following papers—citric acid, albumen test, bile test, peptone, potassio-mercuric iodide, and sodæ carb., in metal case, measuring 4 in. by 3 in.	0	15	6
03342	Prout's, consisting of 3 bottles for reagents, pipette, spirit lamp with brass cap, urinometer, trial glass, test papers, test tubes and test tube holder, in leather-covered case, measuring $6\frac{1}{4}$ in. by $2\frac{5}{8}$ in. by $4\frac{1}{8}$ in.	1	5	6

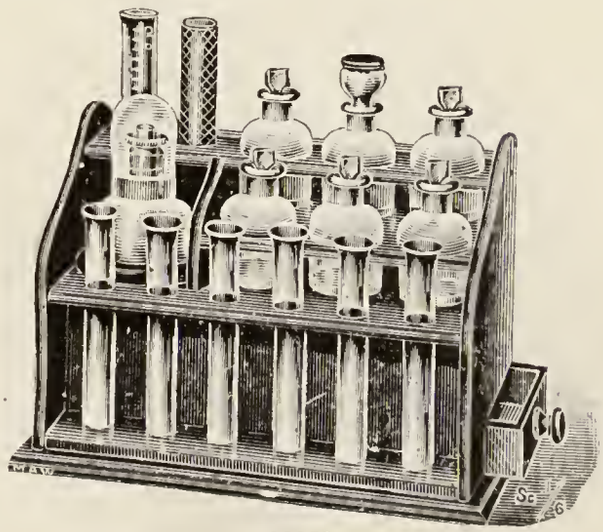


03343

03343	"Soloid" Set, consisting of Urinometer, in nickel-plated case, Esbach's Albuminometer, graduated measure, pipette, test tubes and stand, spirit lamp, test paper, analysis chart, soloid brand products of Fehling's test, indigo test, picric acid, potassium ferrocyanide and citric acid, in nickel-plated metal case, measuring $5\frac{3}{4}$ in. × $2\frac{3}{4}$ in. × $1\frac{1}{4}$ in.	1	5	0
	Test Papers—			
03344	Litmus, red or blue, in boxes containing 12 books, per doz. boxes	0	10	6
03345	Oliver's Albumen (potassium ferrocyanide) .. per box	0	1	6
03346	Do. do. (potassio-mercuric iodide) .. ,,	0	1	0
03347	Do. Alkaline Litmus .. .. ,,	0	1	6
03348	Do. Peptone Bile .. .. ,,	0	1	6
03349	Do. Sugar (indigo-carmine) .. .. .. ,,	0	1	0
03350	Turmeric, in boxes containing 12 books .. per doz. boxes	0	10	6



03351

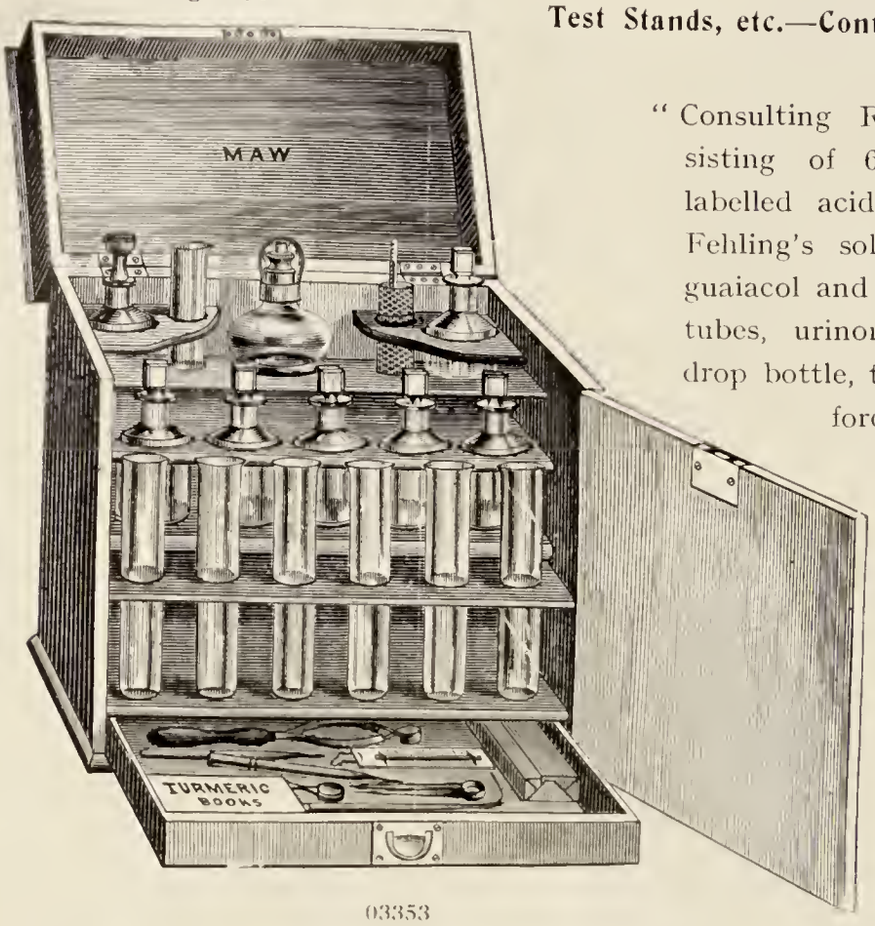

03352

Test Stands, etc.—

03351	"Compactum," consisting of 4 stoppered bottles (labelled), spirit lamp, 6 test tubes, test papers, urinometer and trial glass, in stained wood stand, with drawer	0	18	6
03352	"Cottage Hospital" pattern, consisting of 5 stoppered bottles (labelled), 6 test tubes, drop bottle, urinometer, trial glass, spirit lamp and test papers, in mahogany stand, with drawer	1	5	6

Urine Testing Apparatus—Contd.—

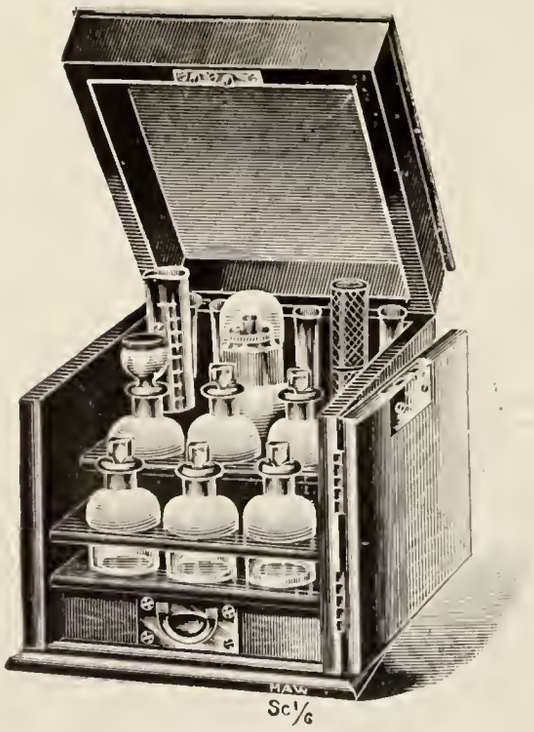
Test Stands, etc.—Contd.—



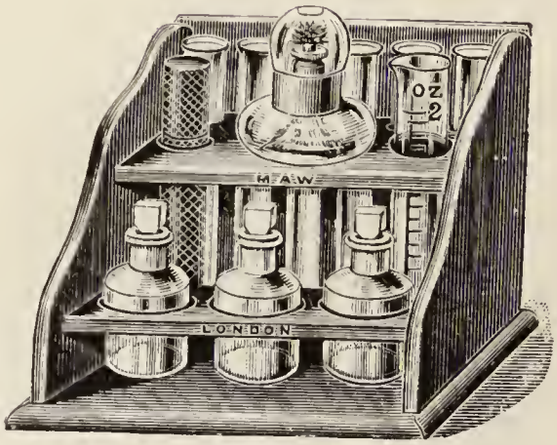
03353

"Consulting Room" Model, consisting of 6 stoppered bottles, labelled acid acetic, acid nitric, Fehling's solution, liq. potassæ, guaiacol and ozonic ether, 6 test tubes, urinometer, spirit lamp, drop bottle, trial glass, blow pipe, forceps, test papers, pipette, slides and cover glasses, stirring rod, test tube holder, thermometer and watch glasses, in mahogany cabinet, with drawer, lock and key.

No.		£	s.	d.
03353	"Consulting Room" Model, as above	2	15	0



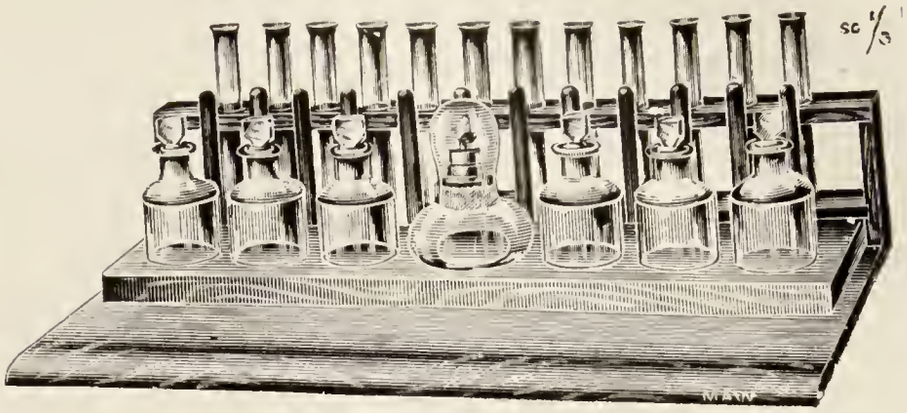
03354



03355

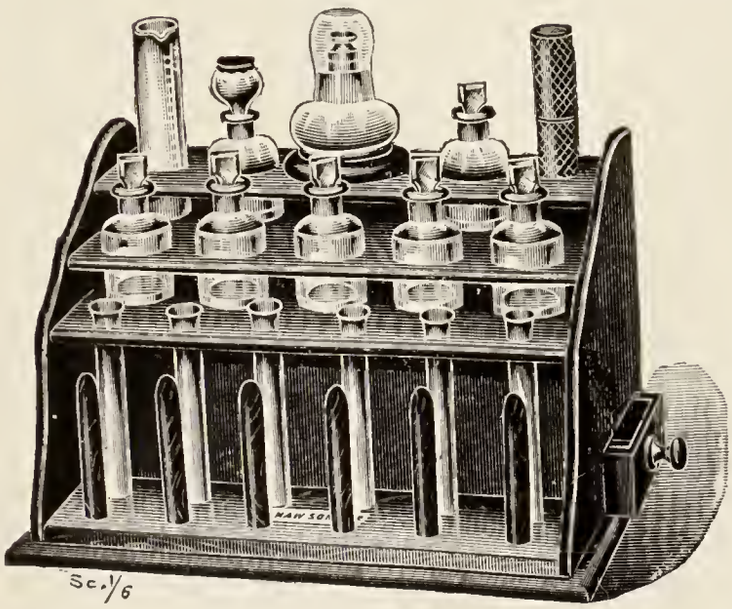
03354	"The General Practitioner's" Model, consisting of 5 stoppered bottles labelled acid acetic, acid nitric, acid picric, liq. potassæ and Fehling's solution, 6 test tubes, drop bottle, urinometer, trial glass, spirit lamp and test papers, in walnut cabinet, with drawer, lock and key..	1	12	6
03355	"The Miniature," consisting of 3 stoppered bottles labelled acid nitric, Fehling's solution and liq. potassæ, 6 test tubes, urinometer, trial glass and spirit lamp, in mahogany stand ..	0	12	6

Urine Testing Apparatus—Contd.—



03356

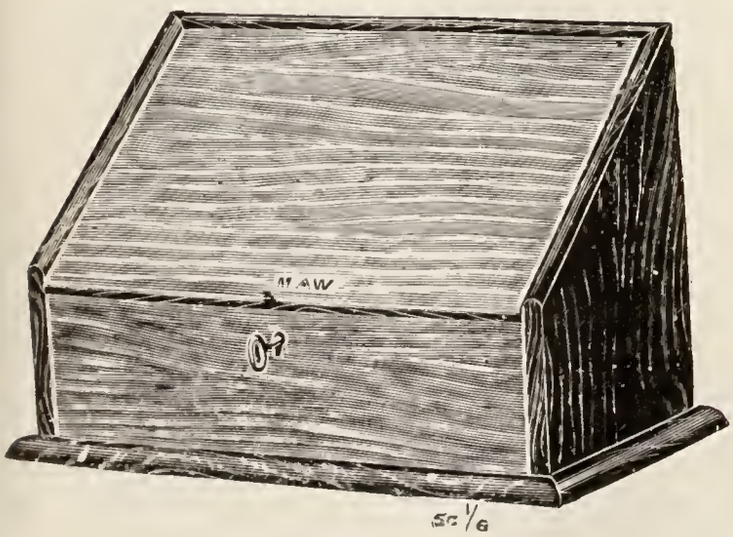
No.	Test Stands, etc.—Contd.—	£	s.	d.
03356	"Dispensary" Model, consisting of 6 2-oz. stoppered bottles (unlabelled), spirit lamp and 1 doz. test tubes, on plain mahogany stand	0	12	6



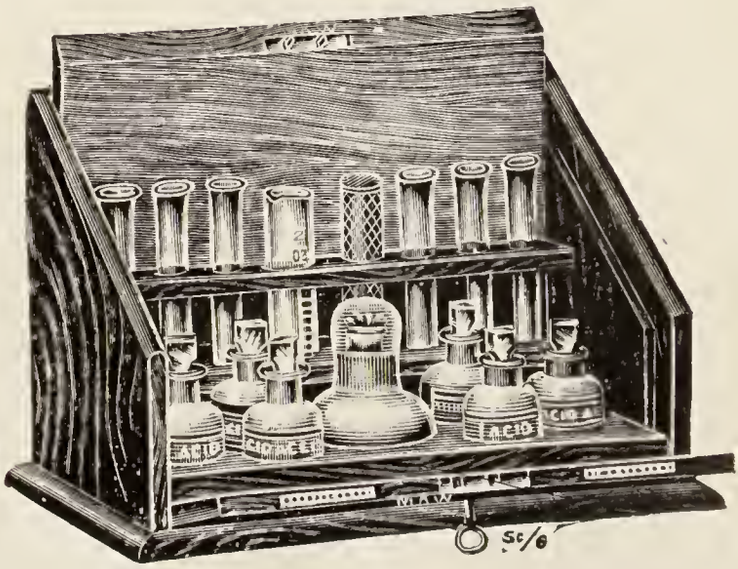
03357

"Hospital" model consisting of 6 stoppered bottles labelled acid acetic, acid nitric, Fehling's solution, liq. potassæ, guaiacum and ozonic ether, 6 test tubes, drop bottle, urinometer, spirit lamp, trial glass, blow pipe, forceps, test papers, pipette, slides and cover glasses, stirring rod, test tube holder and watch glasses, in mahogany stand.

03357	"Hospital," model, as above	1	10	0



Closed.



03358

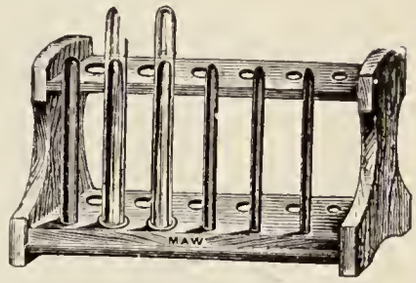
Open.

3358	"The Safety," consisting of 6 stoppered bottles, labelled acid acetic, acid nitric, Fehling's solution, liq. potassæ, guaiacum and ozonic ether; 6 test tubes, urinometer, spirit lamp and trial jar, in mahogany cabinet with drop-down front, lock and key	1	10	0

Urine Testing Apparatus—Contd.—

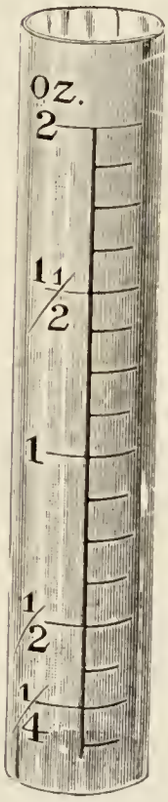
03359

03364



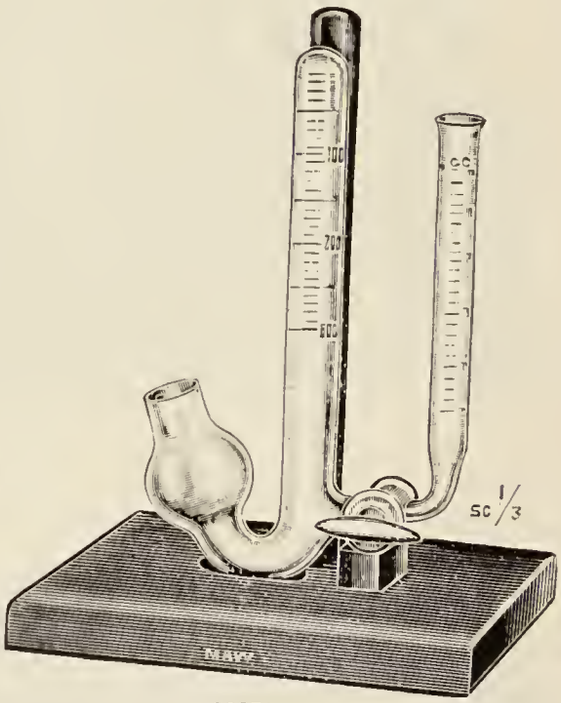
03362

No.		£	s.	d.
03359	**Test Stand Bottles,** 1 oz., with "vitrified" label .. .. each	0	1	2
	Any lettering supplied.			
03360	**Test Tubes,** ordinary quality, German glass, 5 × ⅝ in. .. per gross	0	2	9
03361	**Test Tube Holder,** brass	0	1	3
03362	**Test Tube Stand,** mahogany, with draining pegs for 6 tubes	0	3	6
03363	**Thermometer,** with ivory scale	0	3	0
03364	**Thermometer Stand,** glass, Herring's	0	2	0



03365

03366



03371

03365	**Trial Glass,** graduated, 2 oz.	0	0	9
	Ureometers—			
03366	Cruise's	0	2	6
03367	Do. on mahogany stand	0	3	6
03368	Do. modified by Newton Pitts, with English and metric scales	0	2	6
03369	Do. do. do., on mahogany stand	0	3	6
03370	Doremus's, improved model, with side arm and stop-cock ..	0	5	0
03371	Do. do. do., with mahogany stand	0	7	0

03372

03373

03372	**Urine Bowl,** glass, 20 oz., Herring's	0	1	8
03373	**Urinometer,** best English make, in leather case	0	1	9
03374	Do. do., with trial glass	0	2	10

MICROSCOPES, ETC.,

MANUFACTURED BY

HENRY CROUCH.

About four years ago we took over the business of Henry Crouch—one of the best Microscope makers in this country—and we now manufacture his instruments in our own workshops under his personal supervision. We are therefore able to supply all his various models on the best possible terms, and at the same time can compete with other houses in supplying Microscopes of any other make.

The Microscopes figured and described in the following pages are the result of more than fifty years' experience in the construction of first-class Objectives, Stands and Accessories. During this period Mr. Crouch's efforts have been greatly assisted by gratuitous hints and advice from most of the leading Bacteriologists of the Universities and Medical Schools of the kingdom. Since the publication of the 1905 Catalogue many of the best types of Microscopes have been modified to meet the requirements of advanced workers, and new models have also been added. All objectives, therefore, included in this list can be absolutely guaranteed. Amongst the many public bodies to which Crouch's microscopes have been supplied during recent years may be mentioned the Army Medical Service, the Crown Agents for the Colonies, the British South Africa Co., and most of the Universities both at home and abroad.

Objectives.—Since 1885 experiments have been continuously carried on with every description of optical glass produced, and all those kinds which were found unsuitable for the manufacture of lenses have been carefully eliminated. The result is that during the past fifteen years, although the homogeneous immersion and other objectives have been in continuous use in all tropical climates, not one has been returned for correction.

Eye-pieces.—All Eye-pieces are so made that, given a proportional increase of power, the lower principal foci are always in the same plane, so that an exchange of eye-pieces does not necessitate re-focussing.

Stands.—All Crouch's Stands are of the most recent type of construction, and have been modified with a view to meeting the requirements of those who prefer the fine adjustment at the side of the instrument ; and in order that the upper surface of the stage may be kept clear for the examination of plate cultures, the cross-traversing adjustment has been made removable. This latter modification also allows of an extended range of 2½ in. (65 mm.), so that the whole area of a film can be systematically examined.

Fine Adjustment.—Two different methods of fine adjustment have been adopted in the instruments illustrated in the following pages, namely the " triangular bar " method and the " cam and screw " method. In the former (see fig. C4) the " limb " carrying the body tube focusses a sleeve working over a triangular bar, and motion is communicated by means of a left-handed screw of 80 threads to the inch, with a hardened and polished point, which comes in contact with a hardened and polished steel surface. An exceedingly delicate and absolutely instantaneous reversal of action, with stability of focus, is thus ensured. In the " cam and screw " method there is a screwed gearing with milled heads at the side of the instrument (see fig. C1), the pitch of the screw for each rotation giving

Microscopes by Crouch—Contd.—

a displacement of 0·1 mm. The drum attached to the milled head is divided into 100 parts, so that a movement of one division causes a practical displacement of 0·001 mm.

Dark-ground Illuminator.—The high-power immersion dark-ground Illuminator or Condenser is of quite recent introduction, and can be used with either the medium-power "dry" or the high-power Immersion Objectives, as fitted to all Crouch's Microscopes. This important addition to the illuminating accessories used in the examination of unstained living micro-organisms under high magnification is an essential adjunct to a modern microscope. By its use the transmitted rays are refracted in such a manner that only the light from the object under examination reaches the eye of the observer, so that the resulting image is viewed under more natural conditions and better results are obtainable.

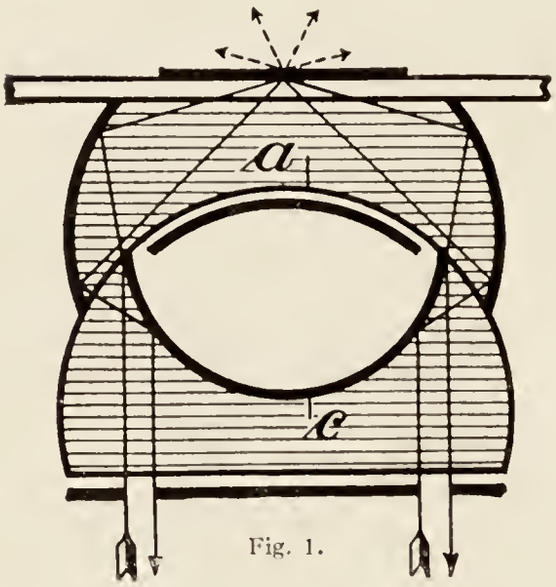


Fig. 1.

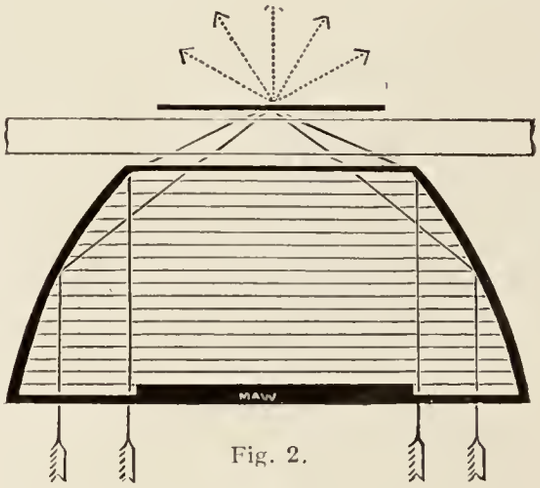


Fig. 2.

Diagrams showing the course of the rays in the Leitz (fig. 1) and the Zeiss (fig. 2) Dark-ground Condensers respectively.

A dry $\frac{1}{6}$th in. objective or its equivalent apochromatic, when used in conjunction with a dark-ground condenser, should be provided with an adjustment "for use with varying thicknesses of cover glass, or extra length of draw-tube," and a back stop for reducing the aperture, but an oil immersion objective should be fitted with a stop behind the back combination of lenses in order to reduce the aperture, otherwise a dark ground cannot be obtained. The application of cedar wood oil between the under-surface of the glass slip and the upper-surface of the condenser is a necessity with either form of objective, but with the "dry" $\frac{1}{6}$th it is, of course, unnecessary to use it on the upper surface of the slip. Brilliant illumination, either from an incandescent gas lamp, or better still from a Nernst or arc lamp, is necessary in order to obtain the best results.

The following is a list of Universities, Colleges, Hospitals, Medical Schools, etc., to which Crouch's Microscopes have been supplied :—

Aberdeen University.
Cambridge do.
Durham do.
Glasgow do.
Manitoba do.
Michigan do.
Montreal do.
Oxford do.
Pennsylvania do.

Royal Irish University.
St. Andrew's do.
Sydney do.
Toronto do.
Eton College.
King's College.
Queen's do. Belfast.
Do. do. Cork.
Do. do. Galway.

University College, London.
Do. do. Dundee.
Brompton Hospital.
Dover do.
Foster Green do. Belfast.
Guy's Hospital.
London do.
North London Hospital.
Royal Free Hospital.

St. Bartholomew's Hospital.
St. George's do.
St. Thomas's do.
Victoria (Belfast) do.
School of Tropical Medicine, London.
School of Tropical Medicine, Liverpool.
The Royal College of Phy- (sicians.

Microscopes by Crouch—Contd.—

The "Opsonist" Microscope—

This has been added to meet the demand for a microscope with fine adjustment at the side of the limb.

The **Coarse Focussing Adjustment** is by means of a diagonal rack and pinion.

The Fine Adjustment is executed by means of the new micrometer movement, with drum divided to read to 0·001 mm., and the milled heads are fitted on each side of the limb for greater convenience, instead of at the back, as in the older models.

The Stage has vertical and cross traversing mechanical adjustments of 1 in. and 2½ in. respectively, and is made removable, so that a cultivation on a plate or Petri dish, or a large section can be examined without difficulty.

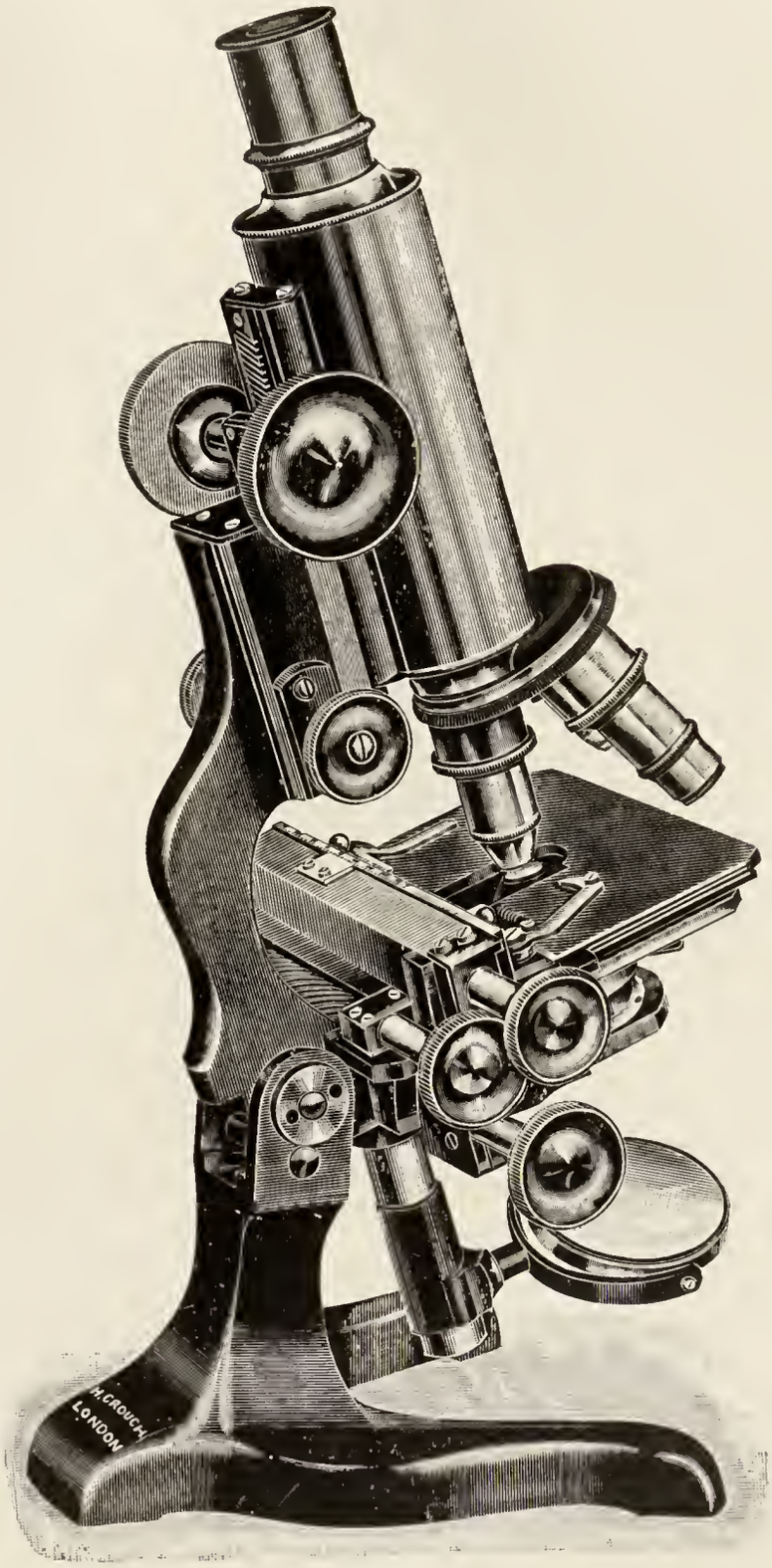
It is fitted with large **Mirrors,** both plane and concave, with complete adjustments.

The Foot is of solid brass and admits of inclination at any angle with perfect stability. When used in an upright position the mirror and substage are conveniently adjustable.

The Substage is perfectly centred to the objectives supplied with it, and has a focussing adjustment by diagonal rack and pinion ; it is also made to swing out for the more convenient change, when necessary, of the accessory apparatus.

When used in an upright position, the substage and mirror are more readily adjustable, and on account of the shape of the limb, the eye-piece is brought nearer to the observer, which necessitates much less stooping—a matter of considerable moment when the instrument is in prolonged use.

The Eye-pieces are three in number, and with a tube length (including nose-piece) of 170 mm., give a power of × 4, × 6, and Compensating × 8.



C/1

The Objectives supplied are ⅔ in., ⅙ in., N.A. ·85, and oil immersion $\frac{1}{12}$ in., N.A. 1·30. It is fitted with high-power **dark ground condenser** for the examination of living bacteria or spirochætes, **Abbé Condenser** N.A. 1·20 with iris diaphragm, and **Dust-proof Triple Nose-piece,** the lower powers being carefully adjusted to the same focal plane as the $\frac{1}{12}$ in., and all being correctly centred.

No.		£	s.	d.
C/1	Complete in polished Teak Cabinet	26	0	0
C/2	Stand only, with Stage, Sub-stage and Mirrors	12	17	6
C/3	Polished Teak Cabinet	1	10	0

For prices of other parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—

The "D.P.H." Microscope—

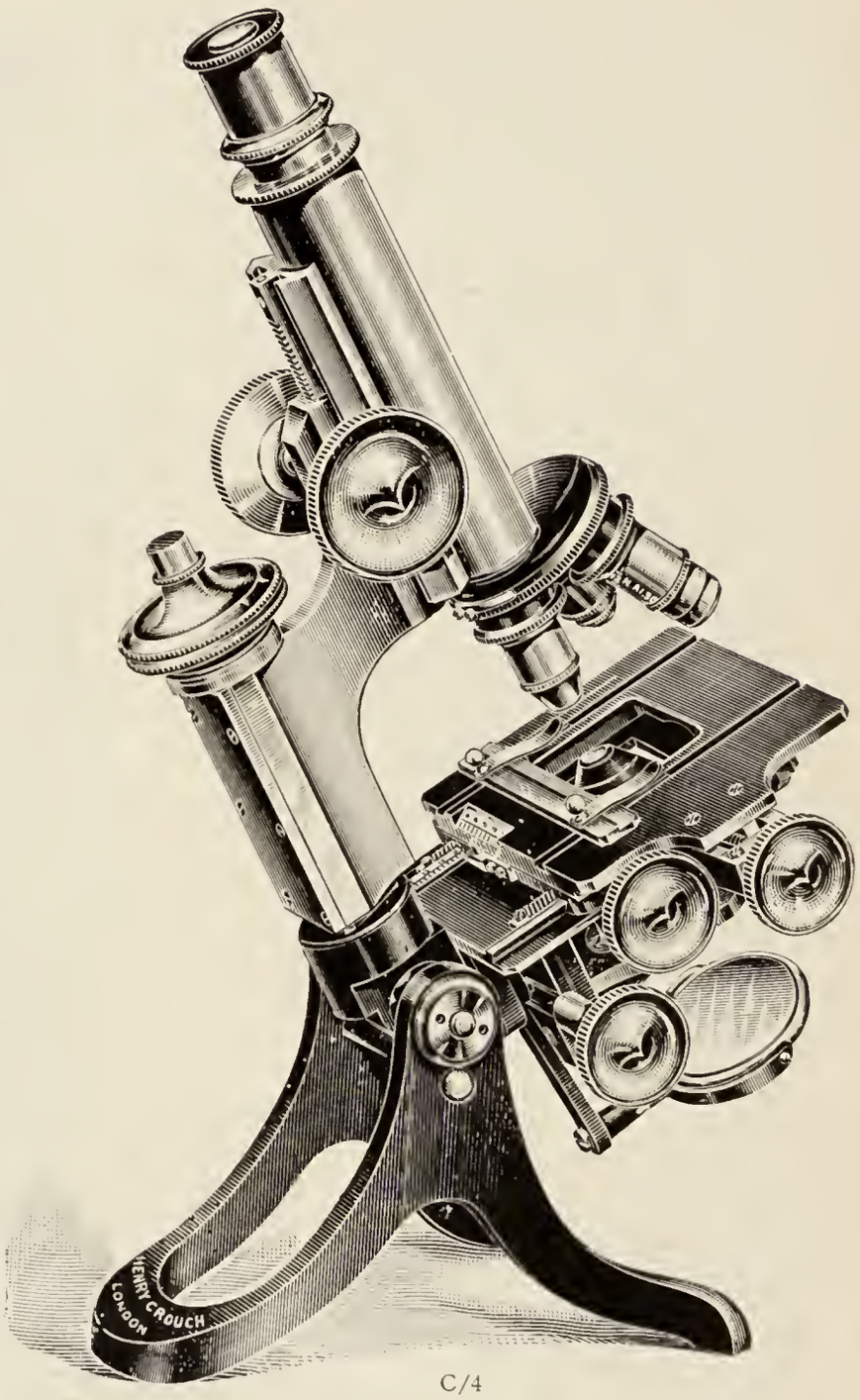
This Microscope has been constructed for research and other work of the highest class in Bacteriology.

The Coarse Focussing Adjustment is by diagonal rack and pinion, the bearings of which are much wider than ordinarily made and consequently much more solid and durable. The fine adjustment is executed by the direct action of a left-handed micrometer screw ·01, in contact with a polished hardened steel plate.

The large Stage has rectangular adjustments by means of a diagonal rack and pinion and quick screw, with a range in each direction of 25 mm. (1 in.), each adjustment having a graduated millimetre scale.

The Sub-stage can be swung aside for greater convenience in exchanging accessories. It is focussed by means of a diagonal rack and pinion, but, by special request of several eminent bacteriologists, centring adjustments are not included.

The Eye-pieces are three in number, *viz.*, Huyghenian × 4 and × 6, and Compensating × 8.



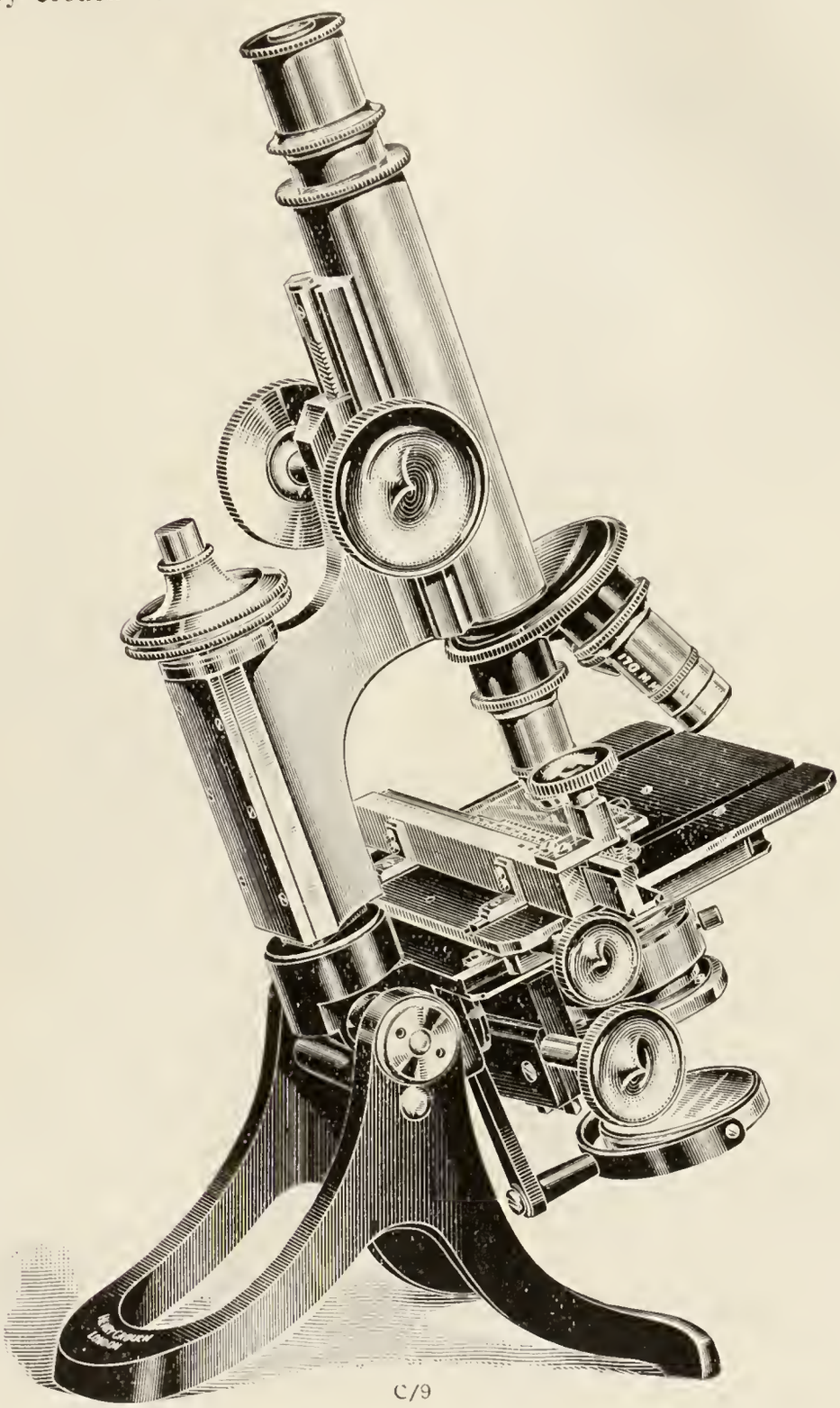
C/4

The Objectives usually supplied are $\frac{2}{3}$ in., $\frac{1}{6}$ in., and oil immersion $\frac{1}{12}$ in., N.A. 1·30 or 1 in., $\frac{1}{6}$ in. and $\frac{1}{12}$ in. (the $\frac{1}{8}$ in. can be supplied in place of the $\frac{1}{6}$ in. if preferred). It is fitted with **Dust-proof Triple Nose-piece,** the two lower powers being carefully adjusted to the focal plane and correctly centred, and **Abbé Condenser** N.A. 1·20, with iris diaphragm, and is packed in a polished teak cabinet.

No.		£	s.	d.
C/4	Complete in polished Teak Cabinet	24	10	0
C/5	Stand only with Stage, Sub-stage and Mirrors	12	0	0
C/6	Polished Teak Cabinet	1	10	0
C/7	Dark-ground Illuminator (fitted) .. .. extra	2	14	0
C/8	Fine Adjustment at side of instrument (as in No. C/1) ,,	0	18	6

For prices of other parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—



C/9

The "Army Medical."—

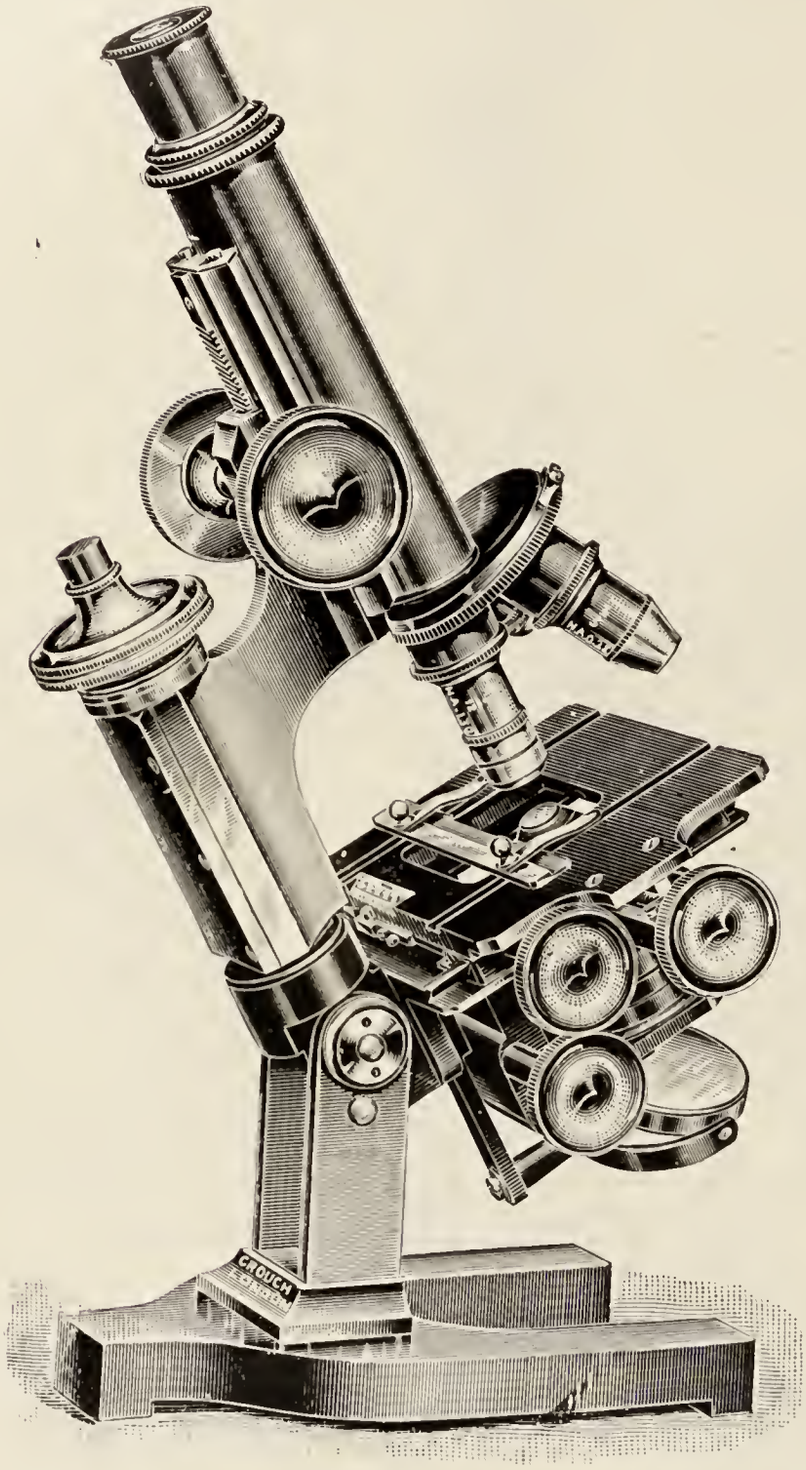
This Microscope is the same in all particulars as No. C/4, except that it has a specially constructed stage giving a cross traversing range of 2½ in., and graduated to millimetre scale, the vernier reading to ·1 mm., and is fitted with a tube of larger diameter for micro-photography. This stage can be removed for the examination of cultivations, etc.

No.		£	s.	d.
C/9	Complete in polished Teak Cabinet	26	5	0
C/10	Stand only	13	7	6
C/11	Polished Teak Cabinet	1	10	0
C/12	High-power dark-ground Illuminator (fitted) .. extra	2	14	0
C/13	New Foot and Fine Adjustment at side of instrument (as in No. C/1) .. .. extra	0	18	6

For prices of other parts see pages 382 *to* 387.

NOTE.—The compensating high-power eye-piece ×8, with a tube length of 170 mm., is recommended as giving a much better field and as being more convenient in use with the higher powers than that of the ordinary construction; if the latter, however, is preferred, it can be supplied and the price of the instrument will thus be reduced by **21/-**.

Microscopes by Crouch—Contd.—



C/14

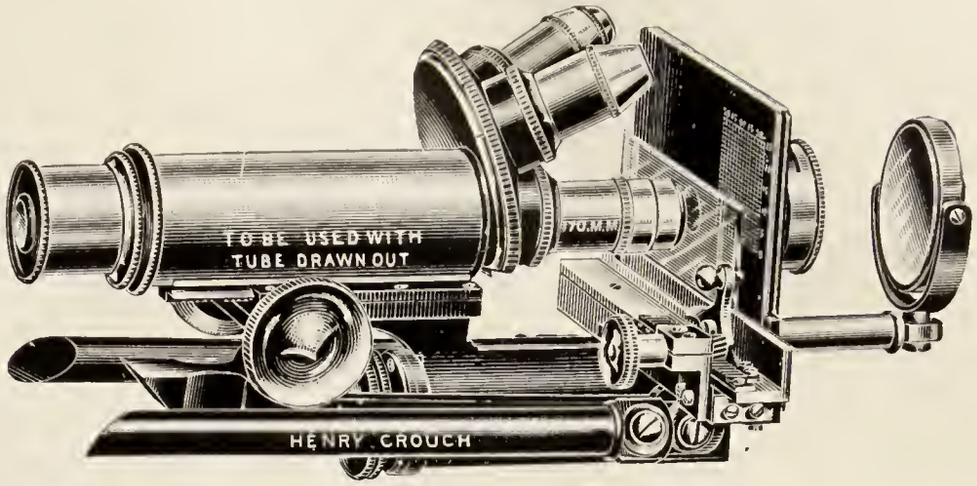
The "Tropical" Model—

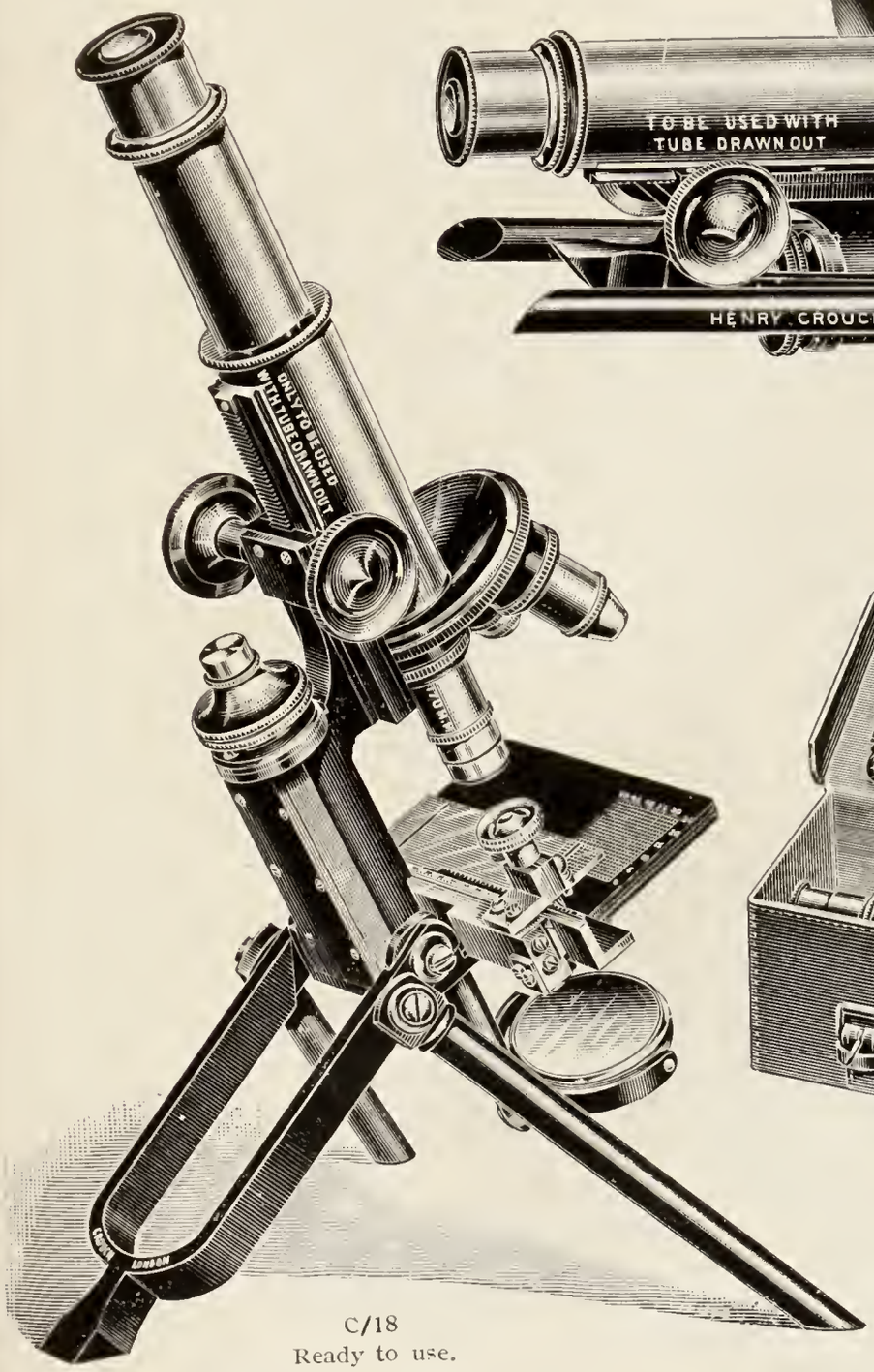
This Microscope is the same in all particulars as No. C/4, except that it is fitted with the "Horse-shoe" or "Continental" foot. To make this instrument approximately equal in stability to No. C/4, it is necessary to add 3 lbs. to its weight.

No.		£	s.	d.
C/14	Complete in polished Teak Cabinet	26	5	0
C/15	Ditto, ditto, with Cross Traversing Stage, as No. C/9 ..	27	16	9
C/16	Stand only, with Stage, Sub-stage and Mirrors	14	14	0
C/17	Polished Teak Cabinet	1	10	0

For prices of other parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—





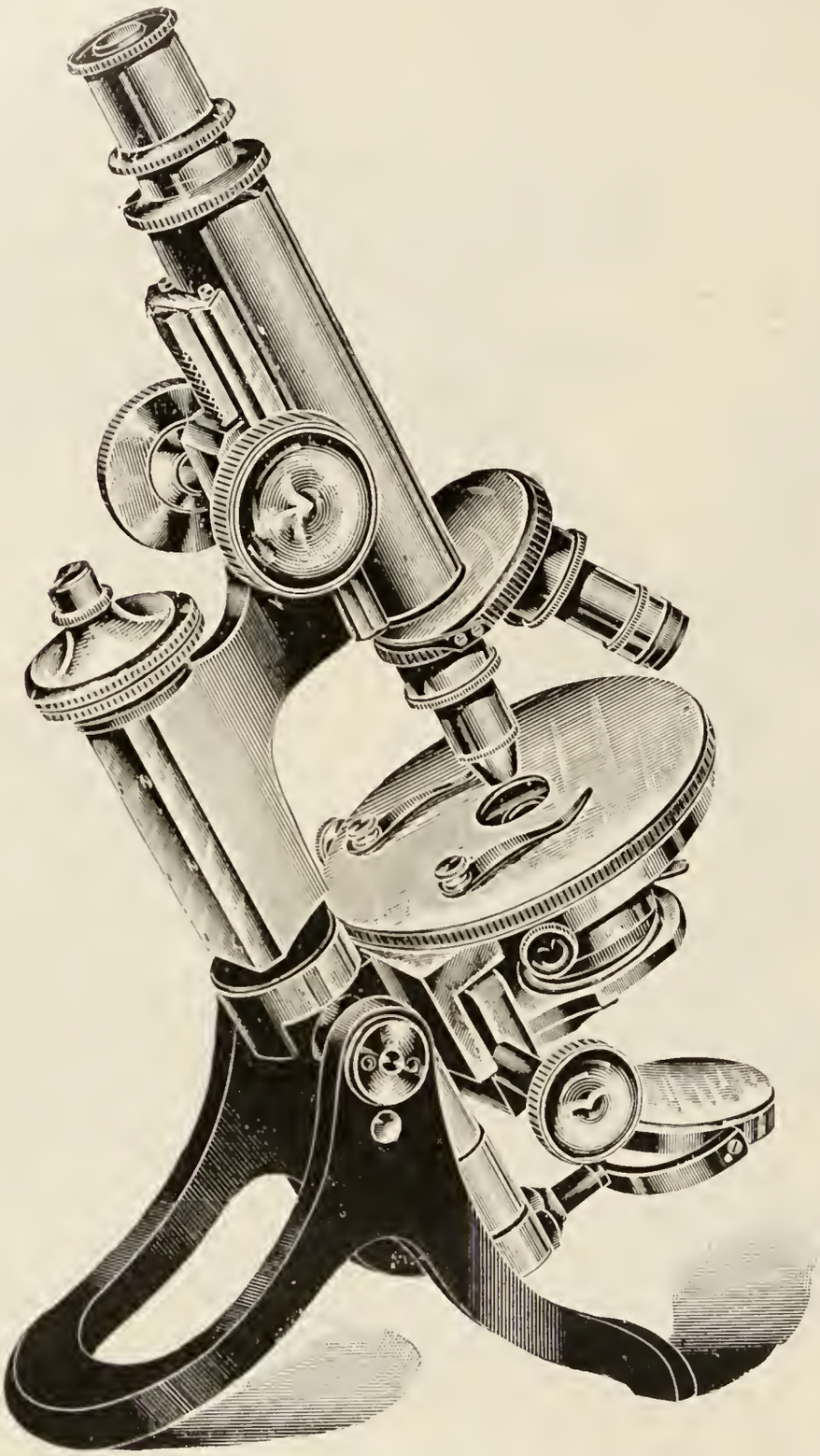
C/18
Ready to use.

C/18
Packed in Case.

Portable Travelling Microscope, for the Tropics, etc.—

No.		£	s.	d.
C/18	This instrument has been specially constructed for His Majesty's Government, and its stability is equal to that of any of the non-portable models. It is provided with rack and pinion and fine focussing adjustments, large stage with cross-traversing movement of 2 in. graduated to millimetres, vernier reading to ·1 mm.; 2 eye-pieces ×6 and ×4; 3 objectives, viz., $\frac{2}{3}$ in., $\frac{1}{6}$ in., and $\frac{1}{12}$ in. oil immersion carefully centred and adjusted to dust-proof triple nose-piece; Abbé stage condenser with iris diaphragm; high power dark-ground illuminator for use with $\frac{1}{6}$ in. or immersion $\frac{1}{12}$ in. objective for examination of living bacteria, spirochœtæ, etc. The entire apparatus can be folded up into an exceedingly small space, and is packed in a leather case measuring 11 in. by $4\frac{1}{2}$ in. by 5 in.	20	10	0
C/19	Stand alone, in case	8	10	0

Microscopes by Crouch—Contd.—



C/20

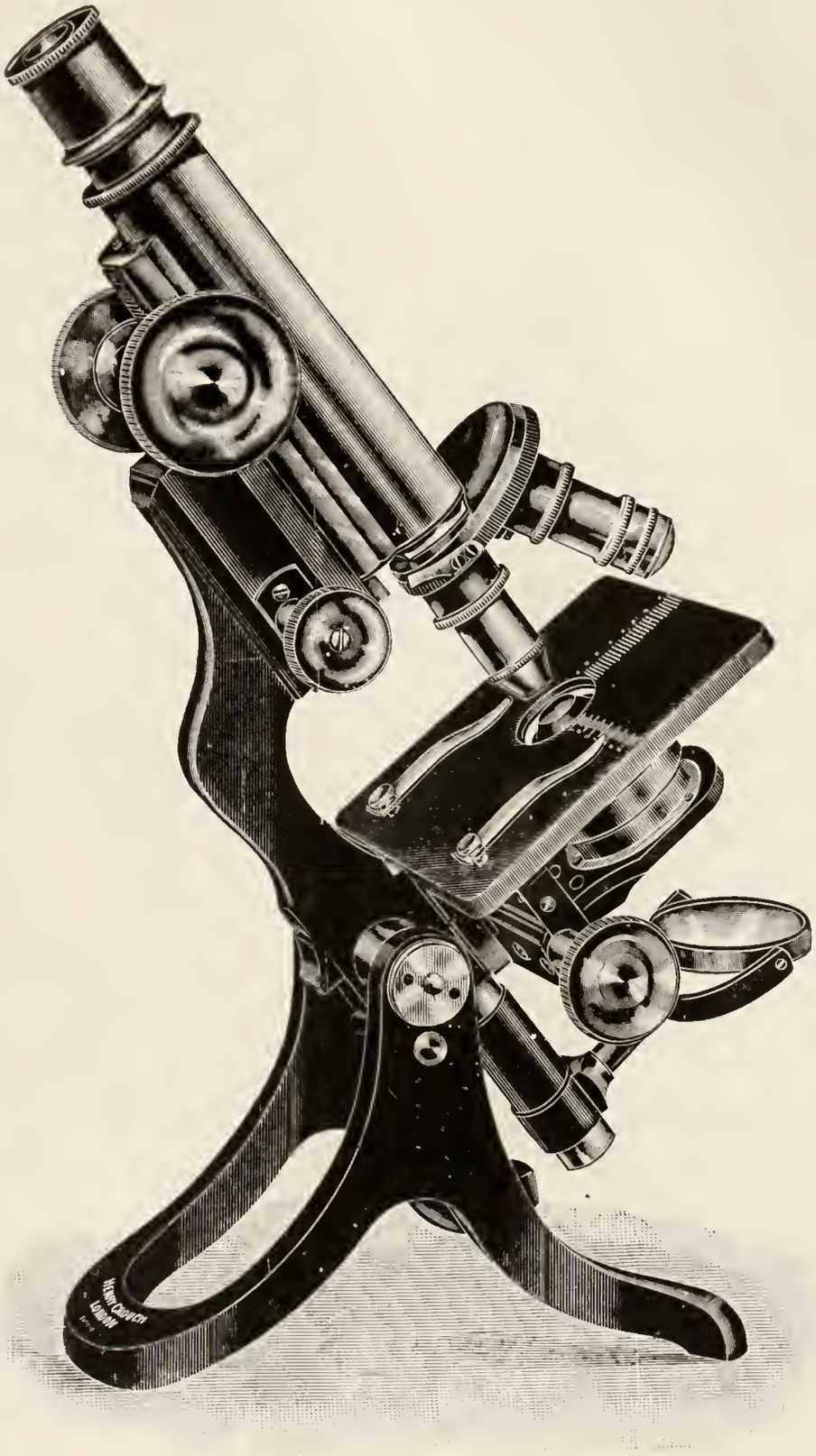
The "Research" Microscope—

With circular **Stage,** focussing **Sub-stage,** plane and concave **Mirrors, Abbé Condenser,** N.A. 1·20, with Iris diaphragm, three **Eye-pieces,** × 4, × 6 and × 9, **Objectives,** 1 in., $\frac{1}{6}$ in. (or $\frac{2}{3}$ in.) and $\frac{1}{12}$ in. oil immersion, and dust-proof **Triple Nose-piece.**

No.		£	s.	d.
C/20	Complete in polished Teak Cabinet	17	14	0
C/21	Stand only, with Stage, Sub-stage and Mirrors	7	2	6
C/22	Polished Teak Cabinet	1	5	0

For prices of other parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—



C/23

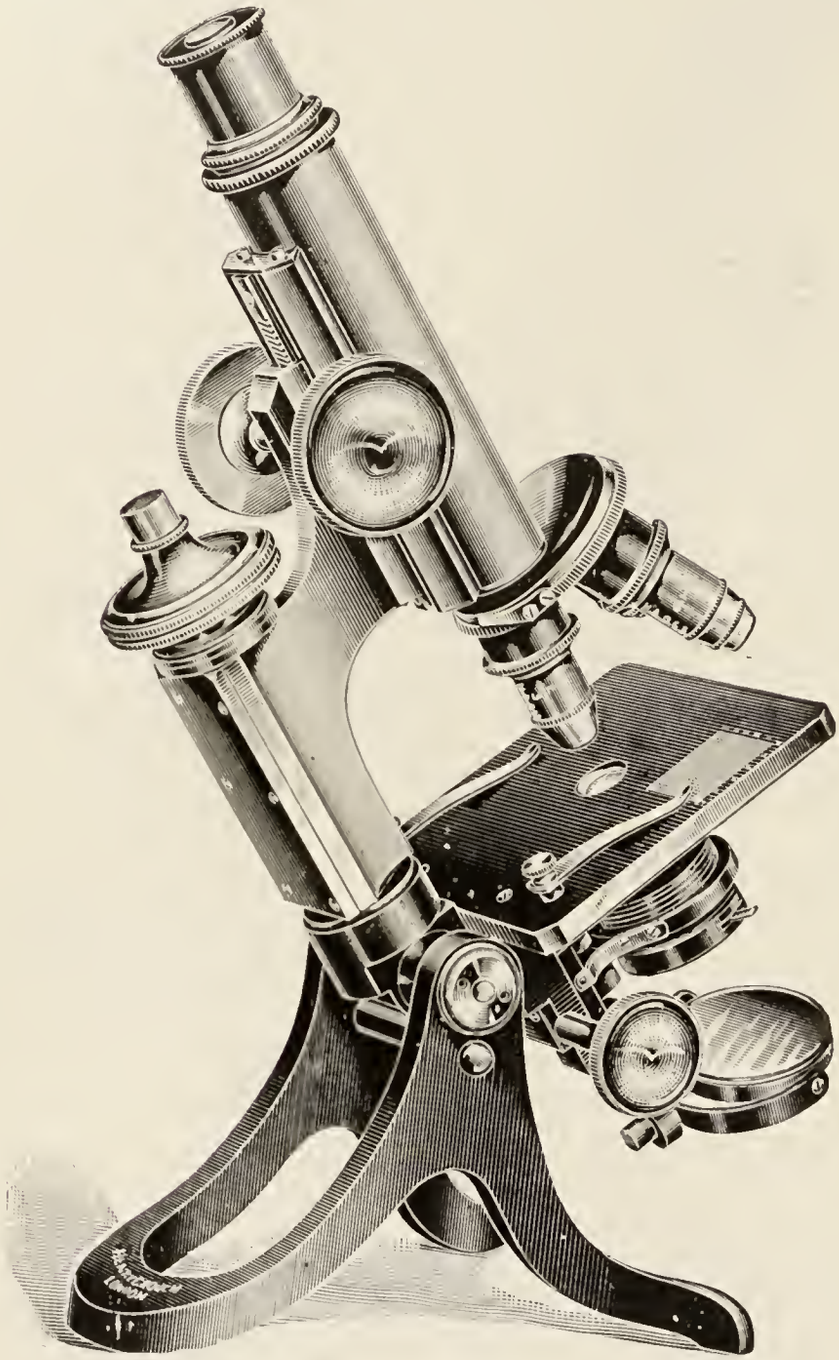
The "Oxford" Model—

The stand of this instrument is similar in design to No. C/1, except that it is constructed with a tripod instead of a horse-shoe foot. It has the new form of **Fine Adjustment** with the milled heads on either side of the limb, and is fitted with plain **Stage,** plane and concave **Mirrors, Sub-stage** (as in No. C/4), **Eye-pieces,** Huyghenian × 4 and × 6, **Objectives** $\frac{2}{3}$ in., $\frac{1}{6}$ in., N.A. ·85 and oil immersion $\frac{1}{12}$ in., N.A. 1·30. **Abbé Condenser** N.A. 1·20 with iris diaphragm, and dust-proof **Triple Nose-piece,** the lower powers being carefully adjusted to the same focal plane as the $\frac{1}{12}$ in. and being correctly centred.

No.		£	s.	d.
C/23	Complete in polished Teak Cabinet	18	0	0
C/24	Stand only, with Stage, Sub-stage and Mirrors .. .	7	3	6
C/25	Polished Teak Cabinet	1	5	0

For prices of other parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—



C/26

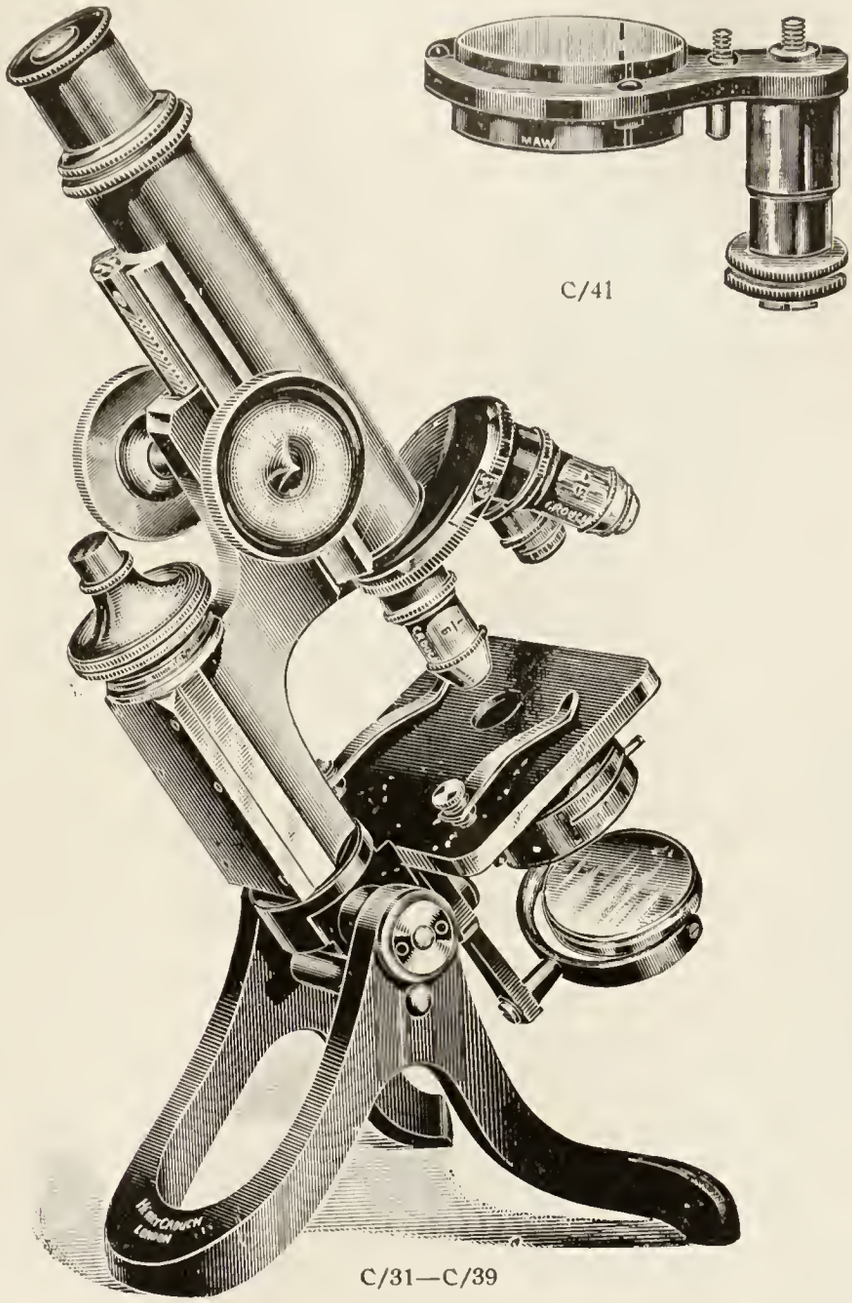
The Cambridge Model—

This Microscope was first made for the advanced laboratory courses at Cambridge University. It has a large stage, 4 in. by 4 in., graduated in each direction with millimetre scales as "finders," focussing sub-stage, plane and concave mirrors, Abbé condenser and iris diaphragm, two eye-pieces × 4 and × 6, and objectives 1 in. and $\frac{1}{6}$ in., or $\frac{2}{3}$ in. and $\frac{1}{6}$ in. adjusted to the same focal plane on a dust-proof triple nose-piece.

No.		£	s.	d.
C/26	Complete in polished Teak Cabinet	13	0	0
C/27	Stand only, with Stage, Sub-stage and Mirrors	7	7	0
C/28	Polished Teak Cabinet	1	5	0
C/29	Stage with mechanical adjustments, as No. C/107 ..	3	15	0
C/30	Oil Immersion Lens, $\frac{1}{12}$ in. N.A. 1·30..	5	5	0

For prices of other parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—



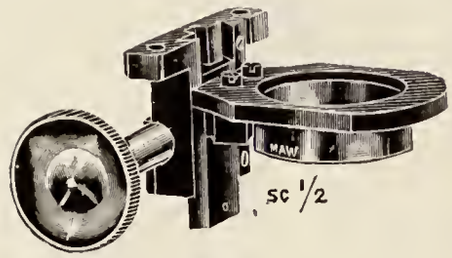
The "Histologist" Model "A"—

Specially designed for students. This Microscope has both coarse and fine adjustment, jointed stand, large stage with iris diaphragm, 2 eye-pieces × 4 and × 6. Objectives $\frac{2}{3}$ in. (A) and $\frac{1}{6}$ in. (D) and triple nose-piece, thus making provision for the addition of $\frac{1}{12}$ in. objective when required; the mahogany case admits of the microscope being enclosed with the objectives in position on the nose-piece.

No.		£	s.	d.
C/31	Stand only, with Stage and Mirrors	4	0	0
C/32	Iris diaphragm	0	10	0
C/33	Small Condenser (fitted)	0	10	6
C/34	Triple Nose-piece	0	16	0
C/35	Eye-pieces each	0	6	0
C/36	Objective, $\frac{2}{3}$ in.	0	15	9
C/37	Ditto, $\frac{1}{6}$ in.	1	11	6
C/38	Ditto, $\frac{1}{12}$ in. oil immersion, N.A. 1	4	15	0
C/39	Polished Mahogany Cabinet	0	10	6
	The following are useful additions not shown in the illustration—			
C/40	Rack Substage	1	0	0
C/41	Spiral Focussing Screw for raising or lowering condenser	0	15	0

For prices of additional parts see pages 382 *to* 387.

Microscopes by Crouch—Contd.—



C/380

C/371

The "Histologist" Microscope, Model "B"—

This is a more simple form and less expensive instrument than C/31, and has been recently designed with a view to meeting the demand of students engaged in elementary work at the Hospitals. It has coarse and fine adjustment, plane and concave mirror, and is fitted with large stage; the limb can be inclined at any angle.

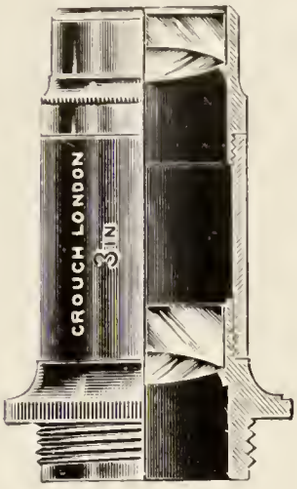
No.		£	s.	d.
C/371	Stand only, with Stage and Mirrors	3	0	0
C/372	Iris Diaphragm	0	10	0
C/373	Small Condenser (fitted)	0	10	6
C/374	Double Dust-proof Nose-piece	0	15	0
C/375	Eyepieces .. .. each	0	6	0
C/376	Objective, $\frac{2}{3}$ in.	0	15	9
C/377	,, $\frac{1}{6}$ in. (Student's)	1	11	6
C/378	,, $\frac{1}{12}$ in., Oil Immersion N.A. 1	4	15	0
C/379	Polished Mahogany Cabinet	0	10	6
C/380	Rack Substage..	1	0	0

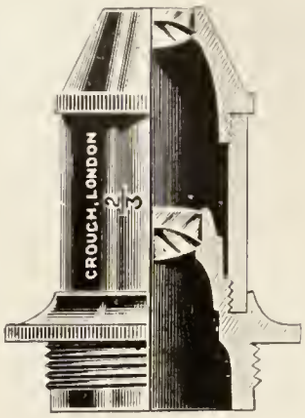
For prices of additional parts see pages 382 *to* 387.

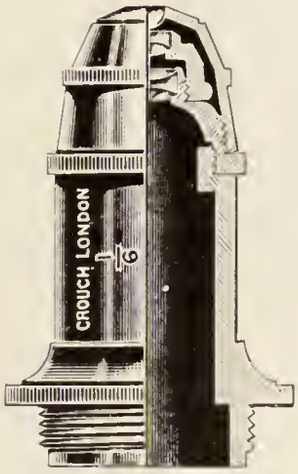
Hire of Microscopes—

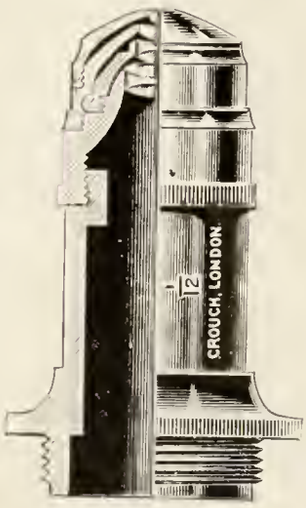
A limited number of the more expensive Microscopes can be sent out on hire at the rate of 21/0 per month, payable in advance.

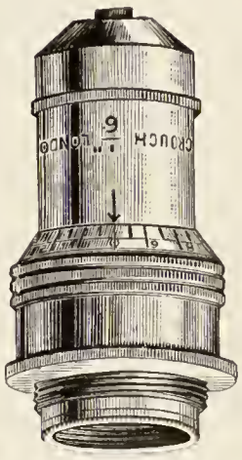
Microscopes by Crouch—Contd.—











MICROSCOPE OBJECTIVES.

Thanks to the constantly increasing varieties of glass on the market, the manufacture of the highest-class Objectives has of late years been considerably improved. Continual experiments carefully performed, and aided by the application of new formulæ, have led to the further elimination of spherical and chromatic errors, and to a corresponding increase in the brilliance of the image and effective aperture.

The Objectives listed below are of especial value to students of Practical Physiology, Pathology and Bacteriology, and owing to the perfection of marginal definition they are also particularly adapted for Micro-Photography, and are largely used for this purpose.

From the 4 in. to the $\frac{1}{2}$ in. they are available with either the 10 in. or $6\frac{1}{2}$ in. tube length. All of higher power are adjusted to the $6\frac{1}{2}$ in. length, with Nose-piece (170 mm.). If required for use with the longer 10 in. English tube, or for Micro-Photographic work, this should be specially notified when ordering.

All Objectives are adjusted for a medium thickness of cover glass of from 0·15 to 0·20 mm.

The Homogeneous immersion $\frac{1}{12}$ in. of this series is of the greatest optical excellence. It has been supplied in large numbers to H.M. Government for the Army Medical and Tropical Services, etc., and its stability is guaranteed for any climate.

The mounting of the lenses is also of the very highest class.

Microscopes by Crouch—Contd.—

Objectives (Crouch).—The glass used in the construction of this series has been tested for many years, and its stability is guaranteed.

No.	Focal Length. In.	Initial Power at 10 in.	Magnifying Power with Eye-pieces and 10 in. Tube length.				Numerical Aperture.	Price.		
			No. 1×4.	No. 2×6.	No. 3×9.	Compensating×12.		£	s.	d.
C/42	4	3	12	18	27	36	0·8	1	4	0
C/43	3	4	16	24	36	48	0·11	1	6	0
C/44	2	6	24	36	54	72	0·13	1	6	0
C/45	1½	8	32	48	72	96	0·18	1	7	0
C/46	1	12	48	72	108	144	0·25	1	7	0
C/47	⅔	16	64	96	144	192	0·30	0	15	9
C/48	½	20	80	120	180	240	0·35	1	11	6
C/49	½	23	92	138	207	276	0·54	2	7	6
C/50	¼	45	180	270	405	540	0·65	1	11	6
C/51	⅙	65	260	390	595	780	0·65	1	11	6
C/52	⅛	83	332	498	747	996	0·87	1	11	6
C/53	1/10 Homogeneous oil immersion.	108	420	630	945	1,260	0·87	2	12	6
C/54	1/12	125	500	750	1,125	1,500	1·30	5	5	0

Objectives, Apochromatic (Zeiss)—

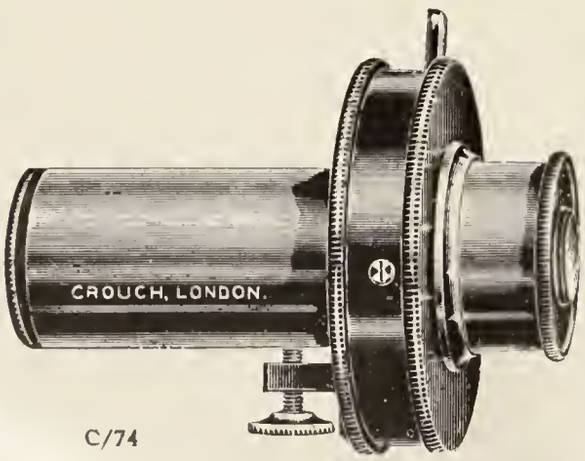
No.	Series.	Equivalent Focus mm.	Numerical Aperture.	Initial Magnification.	Price. £	s.	d.
C/55	Dry Series	16	0·30	15·5	4	4	0
C/56		8	0·65	31	5	5	0
C/57		4	0·95	63	7	7	0
C/58		3	0·95	83	8	8	6
C/59	Water Immersion	2·5	1·25	100	13	3	0
C/60	Homogeneous Immersion	3	1·30	83	15	16	0
C/61		3	1·40	83	21	1	0
C/62		2	1·30	125	15	16	0
C/63		2	1·40	125	21	1	0
C/64		1·5	1·30	167	18	8	6

Eye-pieces, Compensating (Crouch)—

Number.	C/65	C/66	C/67	C/68	C/69	C/70
Power	2	4	6	8	12	18
Price	20/-	20/-	20/-	27/-	27/-	27/-

Eye-pieces, Huyghenian, Small (Crouch)—

Number.	C/71	C/72	C/73
Power	4	6	9
Price	6/-	6/-	6/-



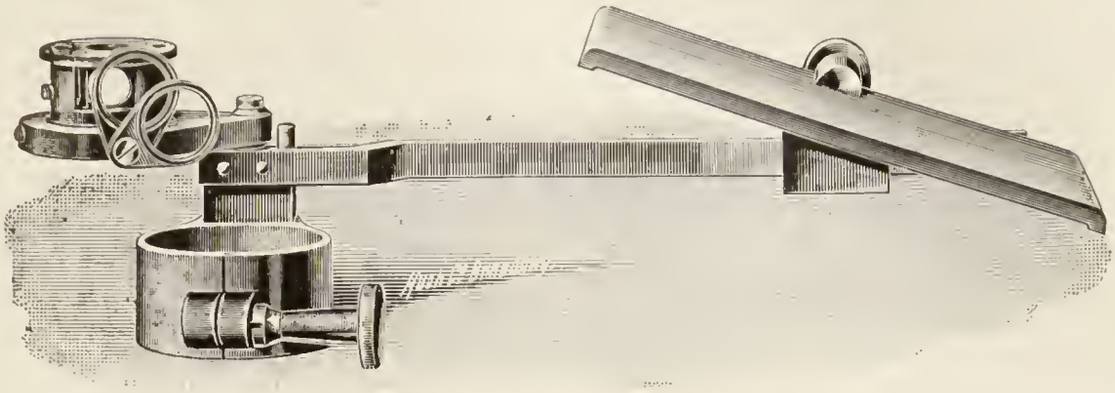
C/74

Diagram showing the proportionate areas of the expanding stop.

C/74 **Eye-piece, The Ehrlich,** used in the examination of blood.. .. 1 11 6

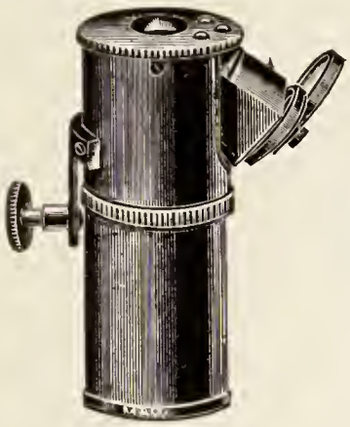
Microscopes by Crouch—Contd.—

ACCESSORY APPARATUS.

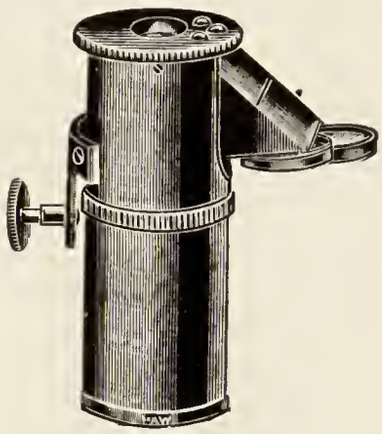


C/75

No.	Camera Lucida and Drawing Prisms—	£	s.	d.
C/75	Abbé Drawing Camera, with double prism, which can be swung aside when not in use	1	10	0
C/76	Ditto, ditto, large size	3	0	0



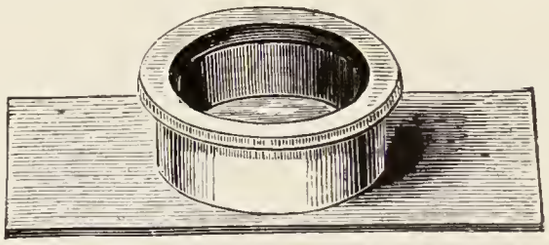
C/77



C/78

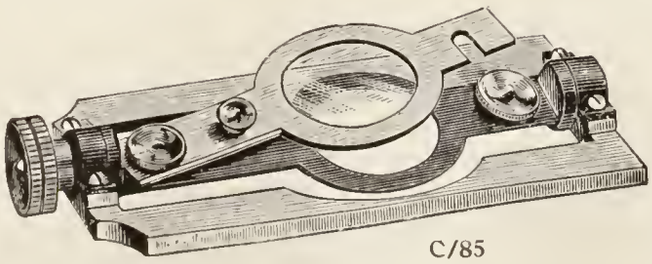
C/77	Drawing Eye-piece, with prism which throws an image at the side of the microscope	1	0	0
C/78	Ditto, ditto, for use with the Microscope at an angle of 45°, with prism which throws an image behind the instrument ..	1	5	0
C/79	Beale's Reflector	0	6	6

C/82 Section view.



C/82

	Compressors and Troughs—			
C/80	Botterill's Trough	0	3	0
C/81	Hollowed slips for showing Volvox, etc., by dark-ground illumination .. .. each	0	0	6
C/82	Live Box	0	3	0
C/83	Ditto, large size	0	5	0

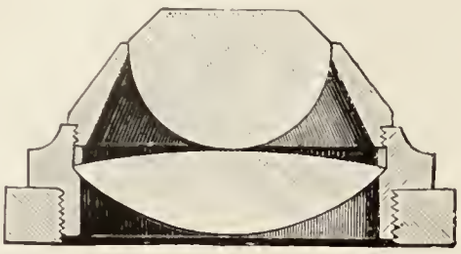


C/85

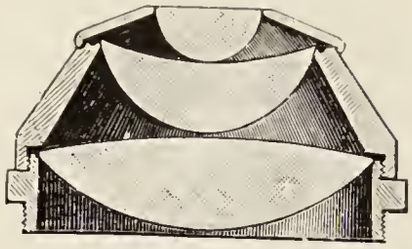
C/84	Rouselet's Compressor	0	15	0
C/85	Rowland's Reversible Compressor	0	12	6
C/86	Ziegler's Water-jacketed Compressor	1	6	6

Microscopes by Crouch—Contd.—

Accessory Apparatus—Contd.—



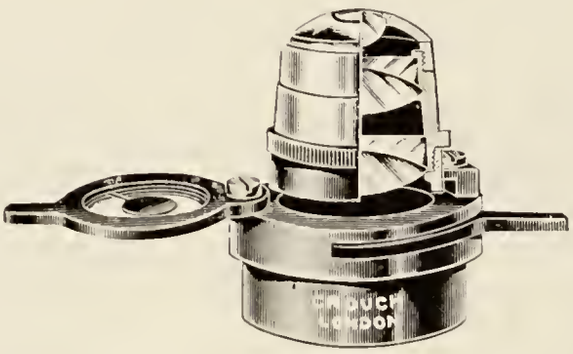
C/87



C/88

Condensers, for transmitted light—

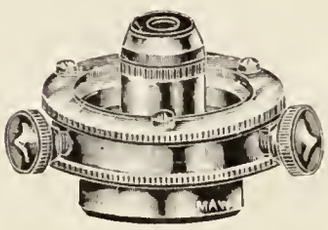
No.		£	s.	d.
C/87	Abbé Condenser N.A. 1·20, with Iris diaphragm for Bacteriology	1	11	6
C/88	Abbé Condenser N.A. 1·40, with Iris diaphragm and central stops	2	12	6
C/89	Abbé Condenser N.A. 1·10, to fit Iris of Student's Microscope ..	0	10	6



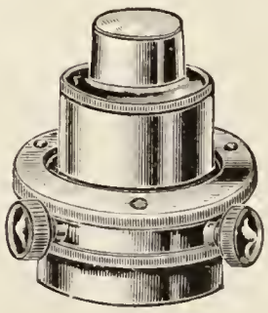
C/90

C/90	Achromatic Condenser N.A. 1·0, Aplanatic aperture ·93, with Iris diaphragm and central stops for oblique or dark-ground illumination, the upper lens being made removable for use with lower powers	3	19	0
C/91	Discs of blue, yellow or green glass.. .. .. .. each	0	1	6

This Combination is corrected for use with a slide of average thickness. When used with very thin slips, unscrew the front lens and refocus till the condenser barely touches the under surface of the slide, when the images of the flame and the object will be co-incident, and the best result obtained.



C/92



C/93

Dark-ground Illuminators, high power—

C/92	Nelson's	2	2	0
C/93	Leitz's Model	2	2	0
C/94	Zeiss Model	2	2	0

An extra charge of from 5/- to 6/- is made for fitting dark-ground illuminators to microscopes other than those of standard types.

High-power Dark-ground Illumination.

General Directions.

(1) Remove the Abbé Condenser from the sub-stage sleeve fitting, and replace it by the dark-ground condenser provided with centring screws, bringing it into position by racking it up flush with the microscope stage.

(2) It is essential that the glass slide should be about 1 mm. thick. This is of the greatest practical importance, and it is also advisable that a thin cover glass (No. 1) should be used.

Microscopes by Crouch—Contd.

Accessory Apparatus—Contd.—

(3) Using the plane mirror, arrange the lamp preferably in front of the microscope at 12/13 inches distance. Then interpose the bull's-eye condenser between the lamp and mirror at a distance from the lamp of from 2/3 inches and adjust the height of the lens so that the centre is coincident with the flame of the lamp, with the convex surface towards the mirror. Place a piece of white paper across the mirror and so arrange the lamp and bull's-eye as to obtain a bright image of the illuminant (the pattern of the mantle) on it.

(4) To centre the condenser, use the lowest eye-piece ×4 and the $\frac{2}{3}$ objective. Focus the latter carefully upon the upper surface, looking for two very faintly marked concentric rings, of which only a portion will probably be seen in the field of view. Then by means of the two centring screws of the condenser bring the rings into the centre of the field, and the adjustment is completed.

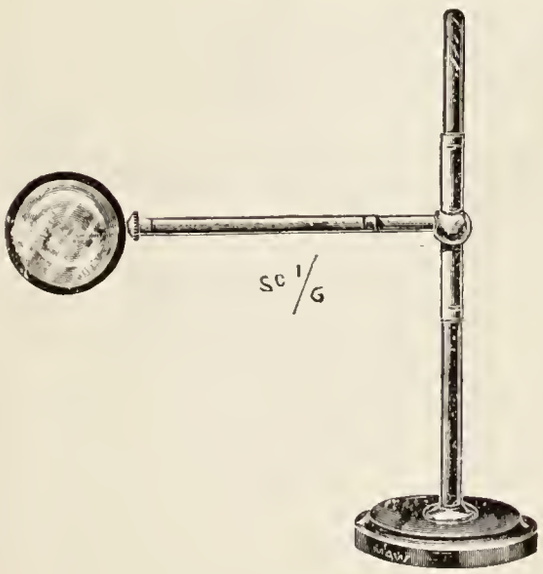
(5) Carefully wipe the upper surface of the condenser to remove all dust, and lower it as far as possible. Then wipe the under-surface of the glass slide, add a drop of cedar oil to it, and place it in position on the stage. Now gently raise the condenser till contact is made with the oil on the under side of the slide. If carefully done by this method the formation of air bubbles will be prevented.

(6) Using the $\frac{2}{3}$ objective, adjust the slide till the portion of the specimen required is in the centre of the field of view, and is seen upon a black ground with a brightly illuminated centre. Now rack the condenser down very slightly without breaking contact with the oil, and note when the central illumination is brightest and smallest. At this point remove the $\frac{2}{3}$ objective, and prepare for examination with the high power.

(7) If a $\frac{1}{6}$-in. dry objective be used, a stop is **unnecessary,** but with a $\frac{1}{12}$-in. immersion it will be necessary to reduce the working aperture of the objective by means of a stop fitted behind the back combination of lenses. This is accomplished by unscrewing the optical combination from the brass mount and screwing the small black stop found in the lid of the objective box into the front of the mount, then replacing the combination. Now bring the objective into position in the usual manner. Should the illuminator be found not quite central, a slight further adjustment by means of the centring screws and mirror can be made.

(8) When a $\frac{1}{12}$-in. objective is being used with the ordinary method of illumination, as in examining stained specimens, the stop **must be removed,** otherwise very imperfect results will be obtained.

(9) After use, the oil should at once be wiped off the surface of the condenser and the brass mount. It should then be replaced in the case provided for it, since absolute cleanliness is essential to its due performance.



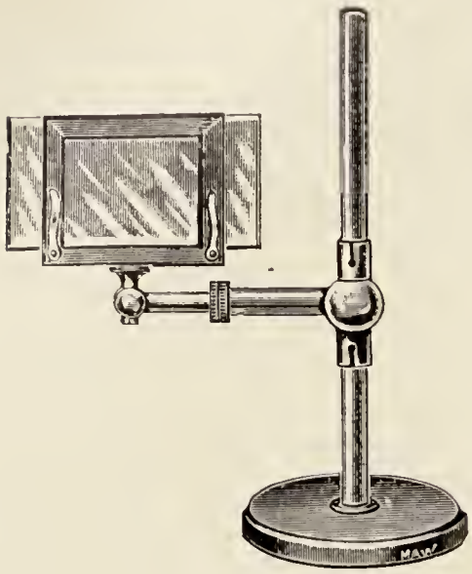
C/95

C/97

No.		£	s.	d.
	Condensers, for illumination of Opaque Objects, etc.—			
C/95	Brass Stand, with Adjustable Arm and $2\frac{1}{2}$ in. Lens on rotating sleeve	1	0	0
C/96	Do., do., with Ball and Socket adjustments and $2\frac{1}{8}$ in. Lens	0	15	0
C/97	Do., do., with Tilting Arm and Rotating Lens, $1\frac{5}{8}$ in. ..	0	10	6
C/98	Double Lens System, Nelson pattern, with centring screws and adjustments, for Micro-photography	3	3	0
	Lieberkuhn to Objectives—			
C/99	2 in. to $1\frac{1}{2}$ in. .. .. each	0	15	0
C/100	1 in. to $\frac{1}{2}$ in. .. .. ,,	0	15	0

Microscopes by Crouch—Contd.—

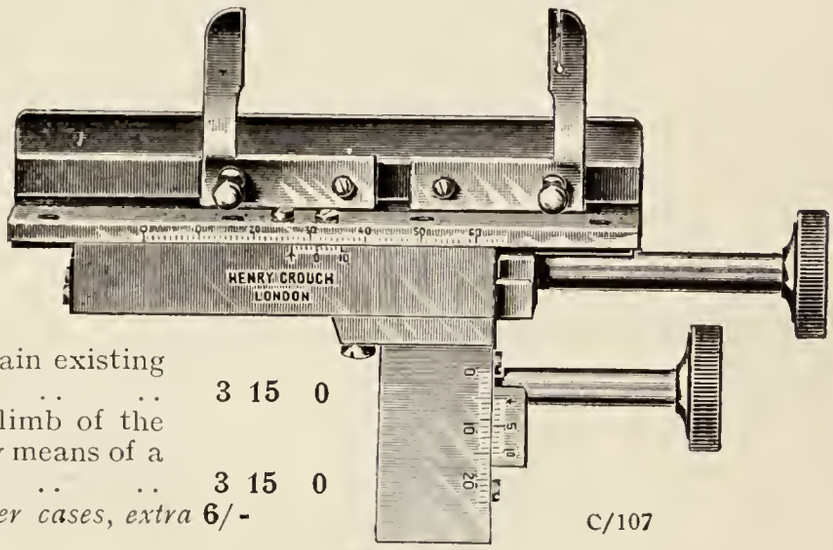
Accessory Apparatus—Contd.—



C/101

C/106

No.	**Light Modifiers—**	£	s.	d.
C/101	Glass Screen, consisting of 2 shades of coloured glass (cobalt blue), fitted to adjustable arm on brass stand	1	2	6
C/102	Ditto, ditto, mounted to stem of condenser	0	13	6
C/103	Iris Diaphragm to fit nose-piece of Microscope..	0	15	9
C/104	Leybold Cell, for acetate of copper solution, etc...	0	5	6
C/105	Ditto, ditto, on brass stand as No. C/101	1	5	6
C/106	Vertical Illuminator for use with high powers for the illumination of opaque surfaces by reflection, using the objective as its own condenser	0	11	0

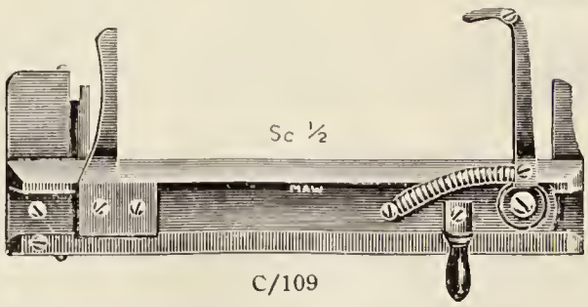


C/107

Mechanical Stages—

C/107	To slide on to a plain existing stage	3	15	0
C/108	To fix round the limb of the microscope by means of a thumb-screw	3	15	0

The above supplied in leather cases, extra 6/-



C/109

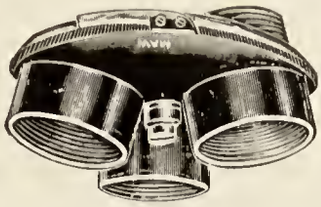
C/109	Universal Adjustable Stage (Reg. No. 545,699) for students' use	0	12	6

Micrometers—

C/110	To drop into Eye-piece, 5 mm. divided into 1/10 mm., in Ivorine case	0	5	6
C/111	Stage Micrometer, 1 cm. divided into millimetres with the last division subdivided into 1/10 mm., in leather case.. ..	0	10	6

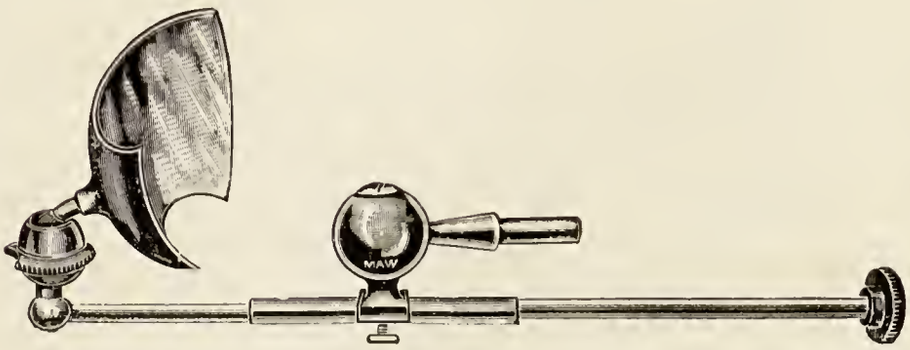
Microscopes by Crouch—Contd.—

Accessory Apparatus—Contd.—



C/114

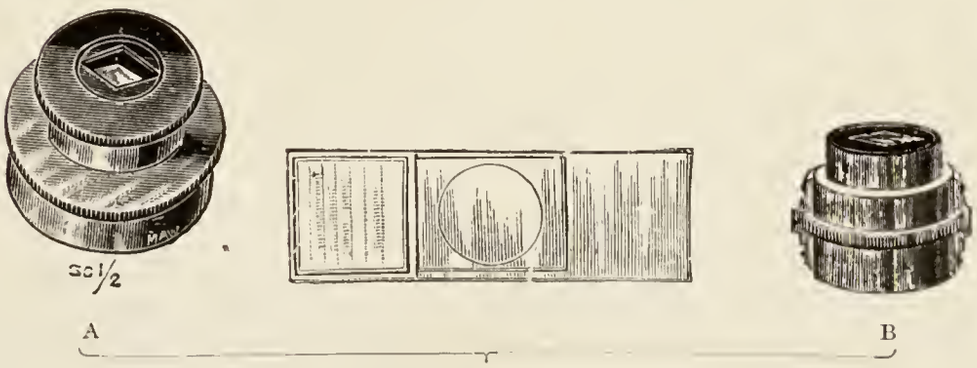
No.	Nosepieces—	£	s.	d.
C/112	Double	0	10	6
C/113	Do., dust-proof	0	15	0
C/114	Triple, dust-proof	1	1	0



C/115

Parabolic Reflector—

C/115	To attach to limb or stage of microscope, with ball and socket joints	1	3	6
C/116	Ditto, ditto, to attach to nosepiece of microscope	1	5	0



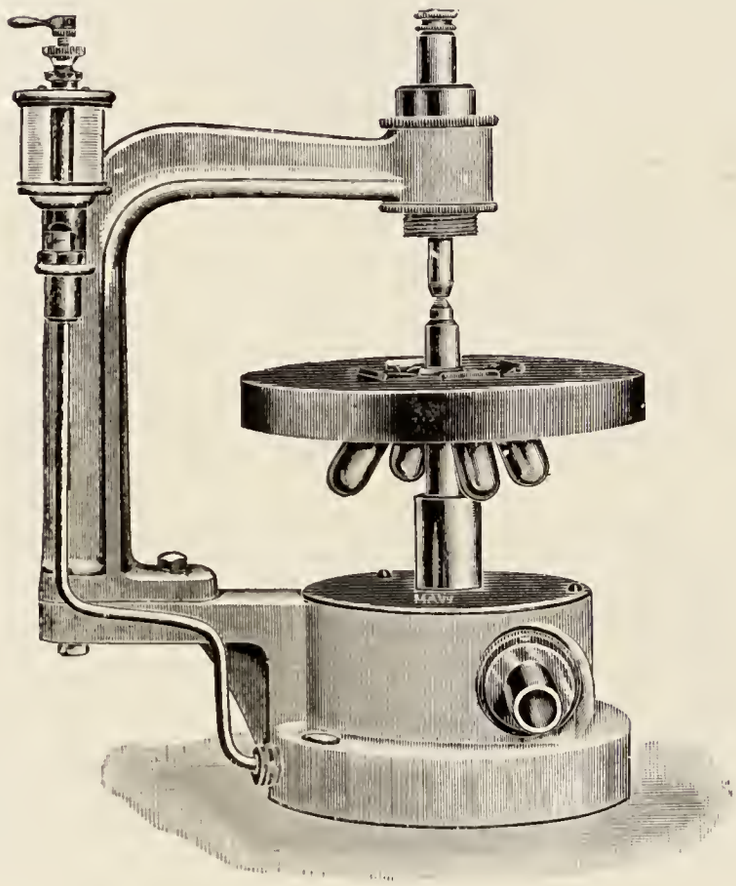
C/117

Polariscopes—

C/117	Polariser (A) and Analyser (B) with Selenite plate	1	5	6
C/118	Ditto, ditto, with larger prisms and rotating Analyser	2	7	6

The above are supplied chiefly for students' microscopes. The Polariser (A) is applied under the stage in place of the diaphragm, and the Analyser (B) is screwed on to the body of the microscope above the objective, whilst a plate of Selenite is laid upon the stage under the object, which shows either a red and green or a blue and yellow field, as preferred.

BACTERIOLOGICAL APPARATUS AND MICROSCOPE SUNDRIES.



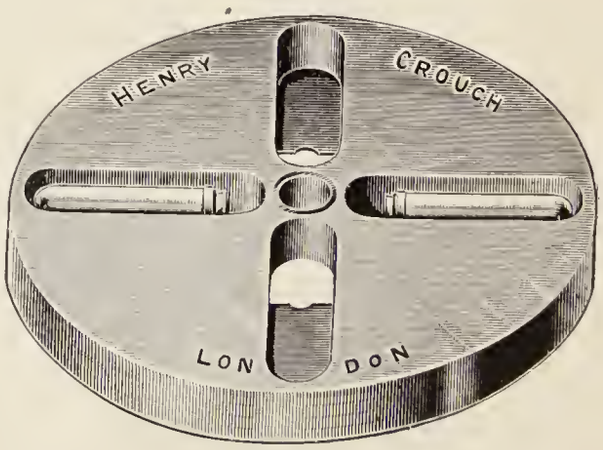
C/119—C/120

Centrifuges, Water-driven—

Designed by Dr. C. J. Martin, F.R.S., Director of the Lister Institute of Preventive Medicine, and manufactured under the superintendence of Henry Crouch.

Description.

This form of Centrifuge consists of a plate with four radiating chambers (see below), each having a depth sufficient to take a tube and its necessary holder flush with the under surface of the plate, thus avoiding all atmospheric resistance. The plate is fitted to a spindle, pivoted between an upper and lower centre, and the spindle carries at its lower end a small water-wheel in a "well" to which are attached the nozzle or nozzles and fittings for connecting with the water main and for carrying off the waste water. The upper centre is poised lightly to avoid friction, and is mounted in a flexible holder, thus giving the necessary freedom from strain when working at high speeds. Three sizes of plates are made, carrying tubes of 25 c.c., 10 c.c. and 5 c.c. capacity respectively. The speed has been carefully measured, and a rotation of from 1,000 to 7,000 revolutions per minute can be maintained with ordinary pressure and with absolute safety.

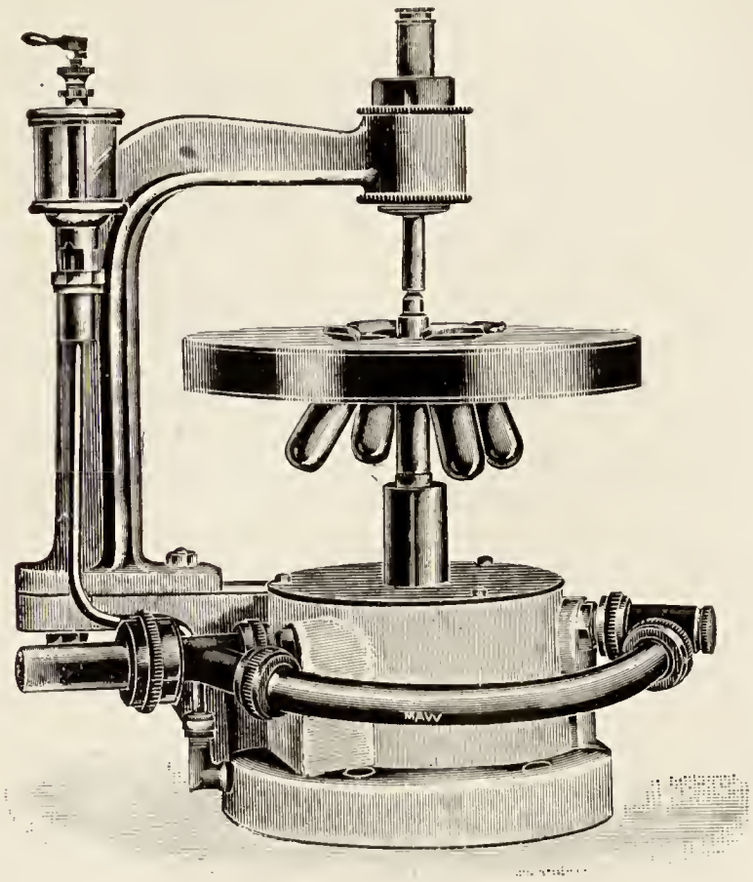


Under Surface of Plate.

Bacteriological Apparatus and Microscope Sundries—Contd.—

Centrifuges, Water-driven—Contd.—

No.		£	s.	d.
C/119	Single Jet Apparatus, for high pressures, with 5 c.c. brass plate, four German silver tube holders, and 1 doz. glass tubes ..	5	5	0
C/120	Do., do., with 10 c.c. brass plate, holders and tubes	5	6	0



C/121—C/123

C/121	Double Jet Apparatus for low pressures, with 5 c.c. brass plate, four German silver tube holders and 1 doz. glass tubes ..	5	15	0
C/122	Do., do., with 10 c.c. brass plate, holders and tubes	5	16	0
C/123	Do., do., with 25 c.c. brass plate, holders and tubes	7	7	0

Additional 5 or 10 c.c. brass plates, extra 30/- each.

With very low pressures or in cases in which unusually rapid revolutions are required it is advisable to have the plates, more especially the larger ones, in a special light alloy instead of brass.

C/124	Light Alloy Plates, 5 c.c. .. .. extra	0	4	0
C/125	Ditto ditto, 10 c.c. .. .. ,,	0	5	0
C/126	Ditto ditto, 25 c.c. .. .. ,,	0	6	0

A Pressure Gauge is indispensable to the comfortable working of the apparatus in consequence of the varying pressures. Diminished speed is often attributed to some fault in the apparatus, when it is in reality due to failure of pressure.

C/127	Pressure Gauge	0	13	6
C/128	Spare Glass Tubes, 5 c.c. .. .. per doz.	0	1	6
C/129	Ditto ditto, 10 c.c. .. .. ,,	0	1	10
C/130	Ditto ditto, 25 c.c. .. .. ,,	0	2	3

Directions for Fixing, see next page.

Bacteriological Apparatus and Microscope Sundries—Contd.—

Centrifuges, Water-driven—Contd.—

Directions for Fixing, and for the Use of Centrifuges.

1. See that the table or bench to which it is to be fixed is carefully levelled.
2. When the "well" is screwed down and before the cover is replaced, the point of the jet must be adjusted to within about ¼ inch of the motor wheel, and fixed in position by the counter nut; then connect with the supply and see that there is no obstruction.
3. Replace the well cover and plate carrying the tube holders; then bring the upper centre into position, taking care that it is so lightly poised over the spindle that practically there is no friction during rotation.
4. **Lubrication.**—It is absolutely essential to the perfect working of the Centrifuge that the centres should be **daily** and **regularly** lubricated before use; also that the oil tube and gravity cup should be kept well supplied while in constant use. The heavy petroleum oils as used for gas engines are the most suitable.
5. The plate, when working, must always be equally balanced, *i.e.*, the tubes must be used in pairs and not singly.
6. In attaching the waste pipe take care that it is **never** less in diameter than the outlet.—1 inch iron barrel for the single jet and 1½ inch for the double jet.
7. In the case of a Double Jet Apparatus with high pressure, it is of advantage to fit a stop tap so that one of the jets can be cut off when the small size plates are in use.

Table of Revolutions per minute obtainable with Dr. Martin's water-driven Centrifuges under various pressures.

Single-jet Apparatus—

Pressure in lbs.	Brass Plate.		Aluminium Plate.	
	5 c.c.	10 c.c.	5 c.c.	10 c.c.
10	1,400	1,000	1,800	1,400
20	2,800	2,000	3,100	2,300
25	3,300	2,400	3,500	2,500
30	3,700	2,700	3,900	2,800
35	3,900	2,900	4,100	3,000
40	4,200	3,100	4,400	3,300
45	4,500	3,400	4,700	3,600
50	4,700	3,600	4,900	3,800
60	4,800	3,800	5,000	4,000

Double-jet Apparatus—

Pressure in lbs.	Brass Plate.			Aluminium Plate.		
	5 c.c.	10 c.c.	25 c.c.	5 c.c.	10 c.c.	25 c.c.
10	1,200	1,000	—	1,350	1,100	—
15	1,600	1,400	900	1,850	1,500	1,300
20	2,000	2,200	1,200	2,500	2,700	1,600
25	2,500	2,700	1,550	2,900	3,100	1,800
30	3,100	3,100	1,900	3,400	3,400	2,050
35	3,400	3,400	2,100	3,700	3,700	2,250
40	3,700	3,700	2,300	3,900	3,900	2,450
45	4,000	3,900	2,500	4,200	4,100	2,700
50	4,300	4,100	2,900	4,500	4,300	3,100
60	4,550	4,500	3,200	4,900	4,500	3,400
70	4,900	4,900	3,500	5,200	4,700	3,700

Centrifuges, Electrically-driven (Crouch)—

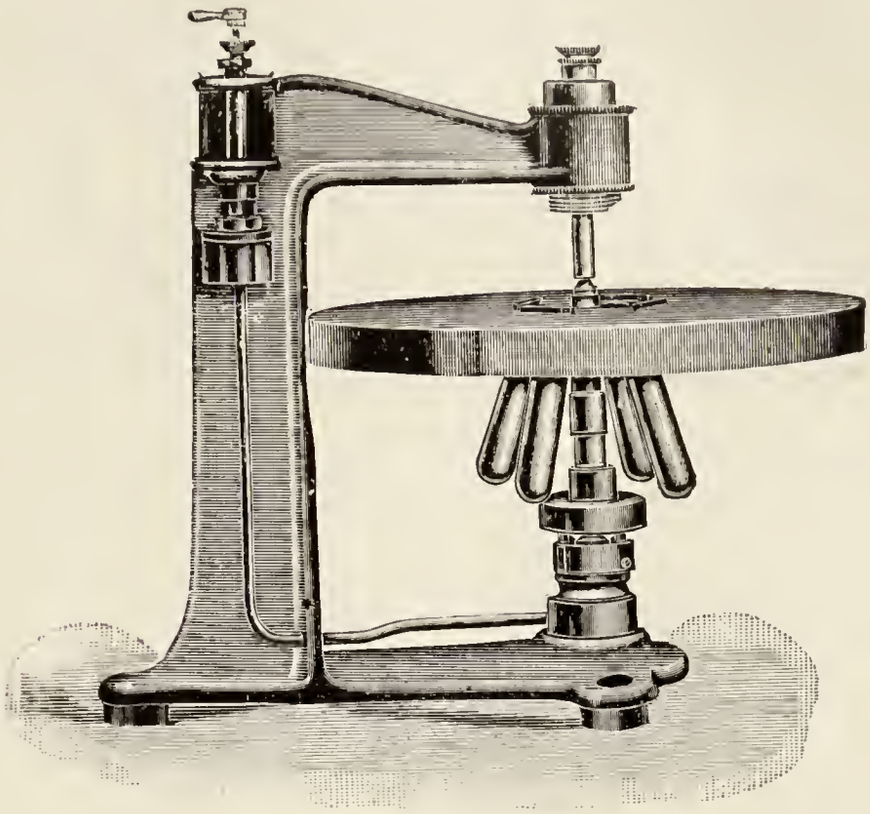
When, owing to low water pressure, or as in large institutions a fluctuation of pressure, the water-driven machine is found unsuitable, one electrically driven becomes the natural corollary, and the later pattern of Dr. Martin, fitted with Dr. Sydney Rowland's clutch, has proved the greatest success. As in the water-driven apparatus, it has the upper centre mounted in a flexible holder and is fitted with properly adjusted lubricators. It is supplied with a suitable motor with a three-speed pulley, which enables reliable speeds of 2,000, 4,000 and 6,000 revolutions to be steadily maintained.

If the motor is not of sufficient power, it must be borne in mind that its initial speed becomes reduced when the larger pulleys are used.

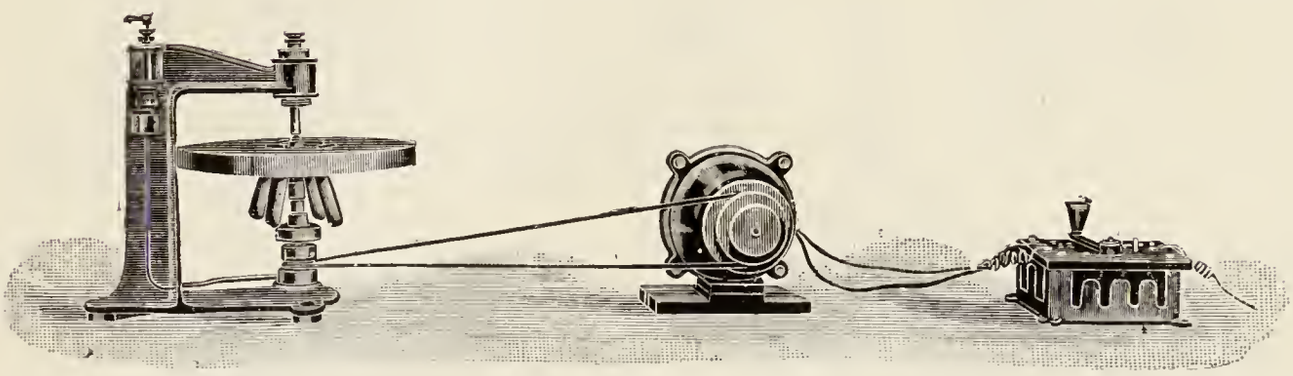
As the result of an extended experience it is recommended that the motor should not be of less than ¼ H.P., and that a regulating switch of good construction should always be included in the outfit; also that motor, switch and centrifuge should be mounted on a base of polished teak wood, and that space should also be left on the base for the fixing of a shaker, if required, to be driven from the same motor.

It is essential that the nature of the current (whether direct or alternating), the periodicity, and voltage should be stated at the time of ordering, so as to ensure the desired result.

Bacteriological Apparatus and Microscope Sundries—Contd.—



C/131—C/134
Enlarged view of Electrically-driven Centrifuge.



C/131—C/134
Centrifuge connected with motor and switch.

Centrifuges, Electrically-driven (Crouch)—Contd.—

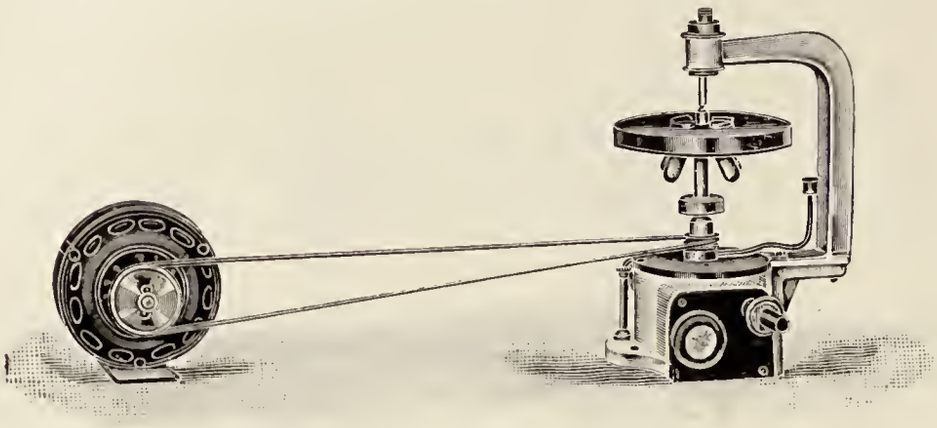
Centrifuge, Motor ($\frac{1}{4}$-horse) and Controlling Switch, mounted on polished teak base, as illustrated, with runners for adjustment of band.

No.		£	s.	d.
C/131	For 110 volt current, fitted with 10 c.c. brass plate	14	0	0
C/132	Ditto, ditto, fitted with 25 c.c. brass plate	14	12	0
C/133	For 220 volt current, fitted with 10 c.c. brass plate	14	10	0
C/134	Ditto, ditto, fitted with 25 c.c. brass plate	15	2	0
	For prices of other plates see page 389.			
C/135	Watkin's Switch	0	12	6

NOTE.—The nature of the current (whether direct or alternating), the periodicity, the voltage and all available particulars must be given at the time of ordering. Advice as to the outfit required and estimates, will be given when desired.

For speeds of 9,000 revolutions and higher, Dr. Martin considers it essential that specially constructed steel tube holders should be used. The extra cost would be £2 2s. up to a capacity of 25 c.c.

Bacteriological Apparatus and Microscope Sundries—Contd.—

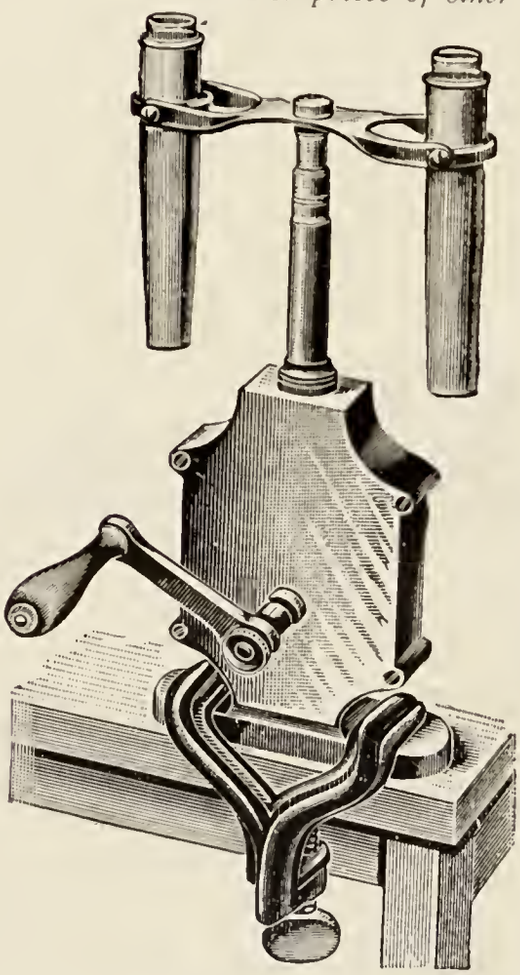


C/136—C/139

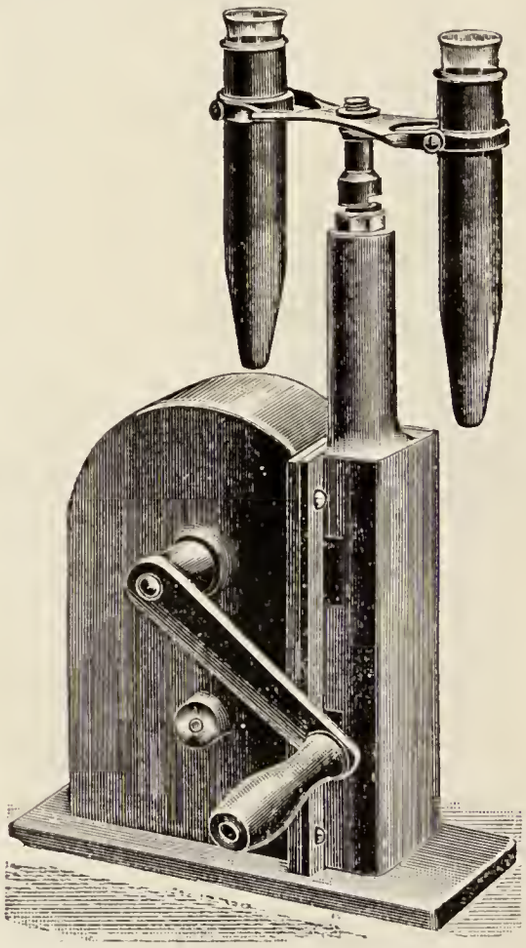
No.		£	s.	d.
	Combined Water or Electrically-driven Centrifuges, useful in Institutions where the water-power is liable to fail and electric current is also available—			
C/136	For 110 volt current, fitted with 10 c.c. brass plate	11	5	0
C/137	Ditto, ditto, fitted with 25 c.c. brass plate	11	17	0
C/138	For 220 volt current, fitted with 10 c.c. brass plate	12	0	0
C/139	Ditto, ditto, fitted with 25 c.c. brass plate	12	12	0

A ¼-h.p. motor is supplied with either outfit.

For prices of other plates see page 389.



C/140

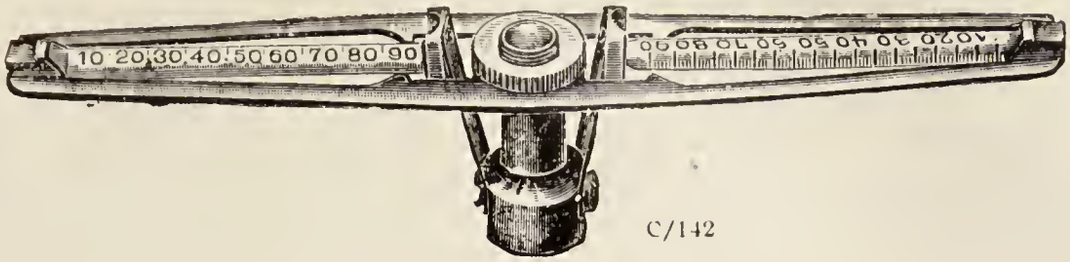


C/141

No.	**Centrifuges, Hand-driven—**	£	s.	d.
C/140	Nickel-plated, with one plain and one graduated tube, and clamp for fixing to table	1	10	0
C/141	Klein's, with aluminium top and tube holder, two graduated glass tubes as No. C/143 and Hæmatocrite No. C/142	2	5	0

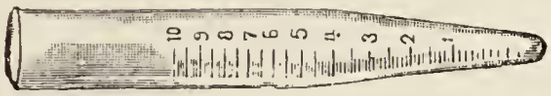
With apparatus No. C/141 two speeds of rotation can be obtained—a low speed for the analysis of milk, urine and water, and a high speed for the examination of blood; a small multiplying wheel is provided for the latter purpose, and it is only necessary to change the handle from one spindle to another in order to obtain the higher speed.

Bacteriological Apparatus and Microscope Sundries—Contd.—



C/142

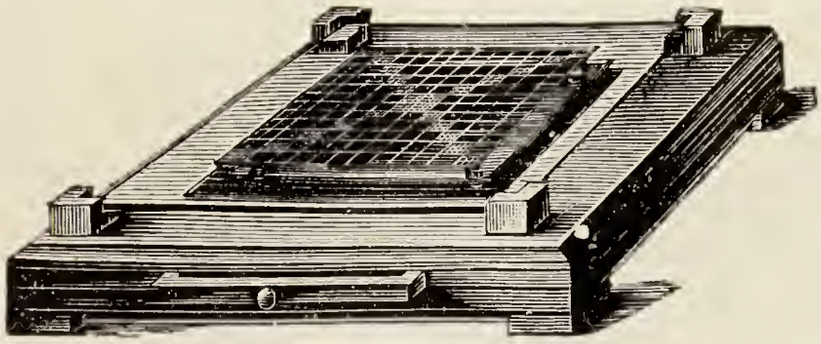
No.	**Centrifuges, Hand-driven—Contd.—**	£	s.	d.
C/142	Hæmatocrite, for use with apparatus No. C/141 in examination of the blood, consisting of frame with two capillary tubes, 50 mm. long and 0·5 mm. in bore, each graduated to 100 parts	0	5	6



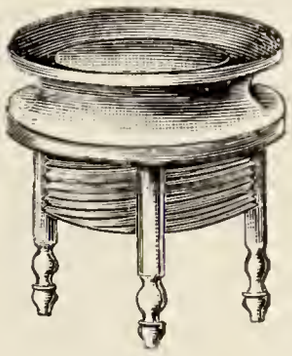
C/143

C/144

C/143	Graduated Glass Tubes as supplied with Centrifuge No. C/141 per doz.	0	4	9
C/144	Do. do., with narrow necks for the estimation of fat in milk .. .. per doz.	0	5	6
C/144a	Plain Glass Tubes, shape as No. C/143 .. .. ,,	0	2	6
C/145	Metal Tubes for use with No. C/143 and No. C/144 glass tubes each	0	1	0
C/146	**Cotton Wool,** for plugging Test Tubes and Flasks .. ..per lb.	0	1	6

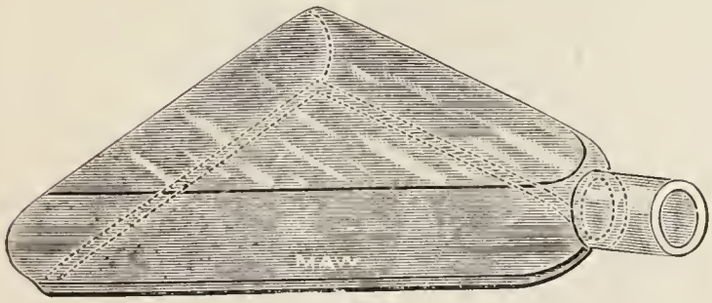


C/147



C/148

C/147	**Counting Apparatus,** Wolffhügel's, for gelatine plates..	0	12	0
C/148	Magnifying Lens in brass frame, with feet for use with above apparatus	0	1	6



C/149

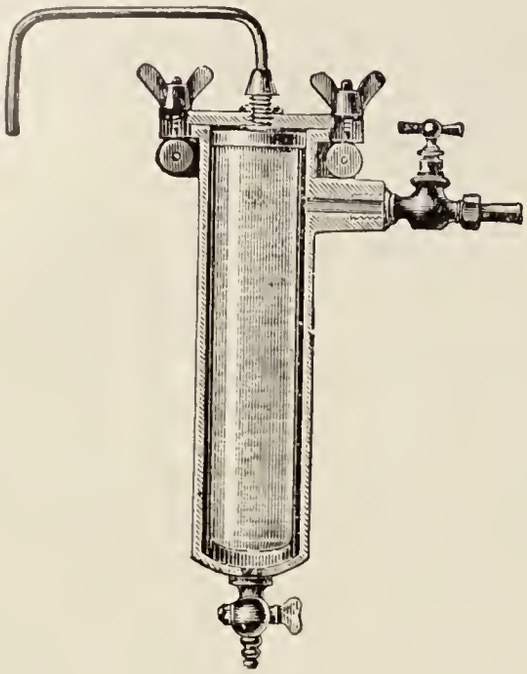
C/150

C/149	**Culture Bottles,** Roux's, as used at St. Mary's Hospital per doz.	0	15	0
C/150	**Culture Tubes,** Roux's, for potato culture, 6 × ⅞ in. .. ,,	0	1	10
	Culture Tubes, sterilized—			
C/151	Agar-agar .. .. ,,	0	4	6
C/152	Agar-agar glycerine .. .. ,,	0	4	6
C/153	Blood serum .. .. ,,	0	10	6
C/154	Broth .. .. ,,	0	4	6
C/155	Gelatine.. .. .. ,,	0	4	6

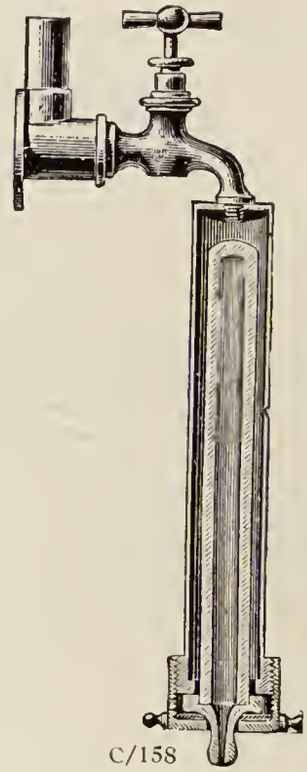
Culture Tubes cannot under any circumstances be received back after having once been sent out.

C/156	**Emery Paper,** Hubert's, for roughening glass slides, Nos. 00, 000 and 0000 .. .. per sheet	0	0	2

Bacteriological Apparatus and Microscope Sundries—Contd.—



C/157



C/158

No.	**Filters—**		£	s.	d.
C/157	Berkfeld's, with glass cylinder		2	12	6
C/158	Pasteur-Chamberland's, with nickel-plated brass cylinder ..		2	5	0
C/159	Spare porous filters for do.	each	0	2	0

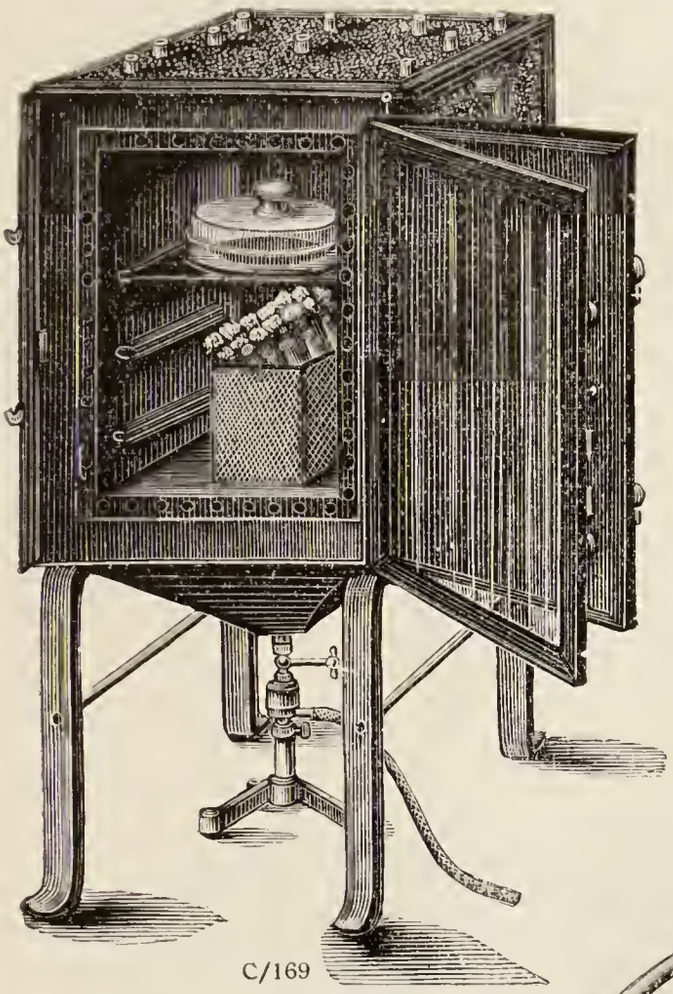
C/160—C/162

Incubator, Hearson's, with patent heat regulator, thermometer and burner complete—

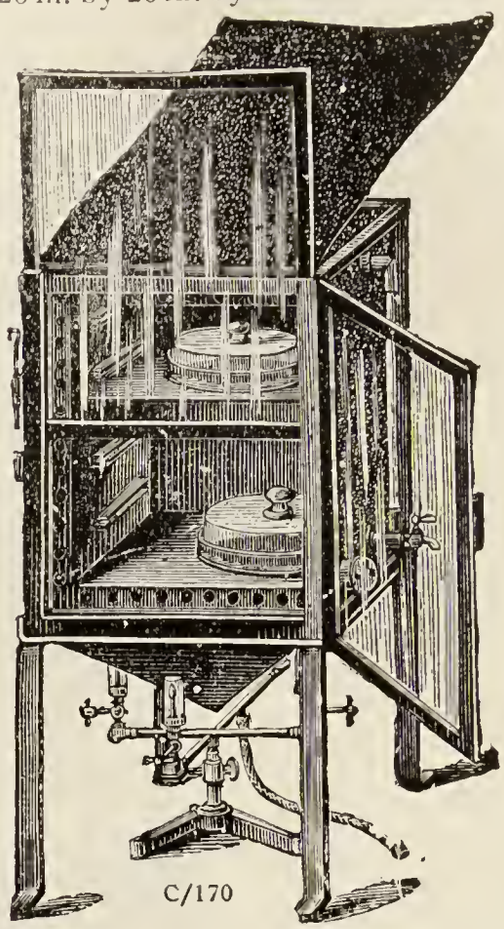
C/160	For Gas, inside measurements, 12 in. by 12 in. by 14 in. ..	7	17	6
C/161	Do., ,, ,, 15 in. by 15 in. by 18 in. ..	11	10	0
C/162	Do., ,, ,, 20 in. by 20 in. by 24 in. ..	16	6	6
C/163	For Paraffin Lamp, inside measurements, 12 in. by 12 in. by 14 in.	7	17	6
C/164	Do., ,, ,, 15 in. by 15 in. by 18 in.	11	10	0
C/165	Do., ,, ,, 20 in. by 20 in. by 24 in.	16	6	6

Bacteriological Apparatus and Microscope Sundries—Contd.—

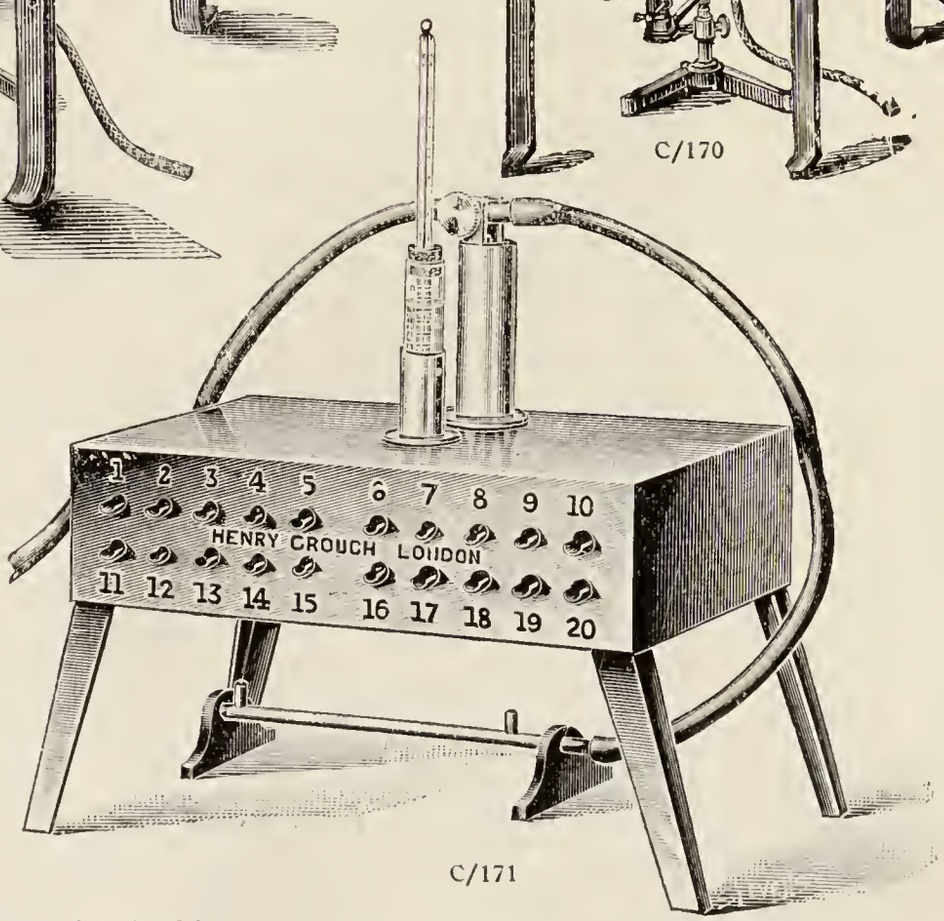
No.	**Incubator, Hearson's—Contd.—**	£	s.	d.
C/166	For Cold Temperatures, inside measurements, 12 in. by 12 in. by 14 in.	16	6	6
C/167	Do., ,, ,, 15 in. by 15 in. by 18 in.	20	10	6
C/168	Do., ,, ,, 20 in. by 20 in. by 24 in.	29	0	0



C/169



C/170



C/171

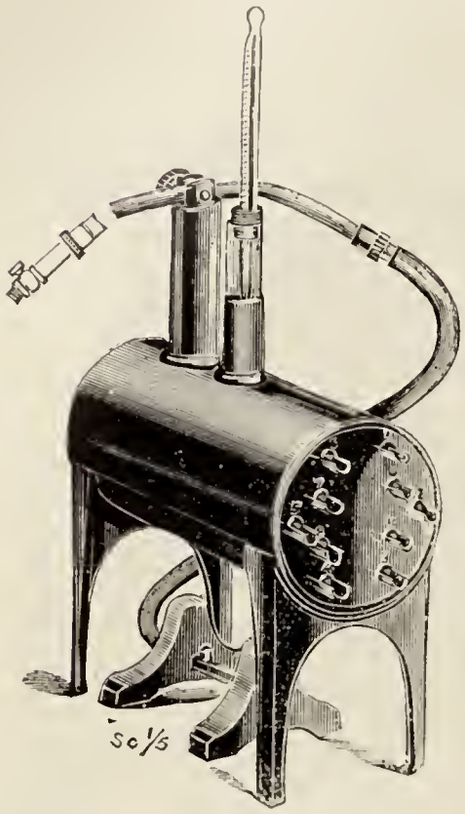
C/169 **Incubator,** fitted with double door (the inner one being of glass), heating apparatus, felt covering and thermometer; height 11 in., width 9½ in., depth 9½ in. **7 0 0**

C/170 **Incubator,** with sliding glass front, glass door and felt covering, on detachable iron stand; height 15 in., width 10 in., depth 10 in. **3 15 0**

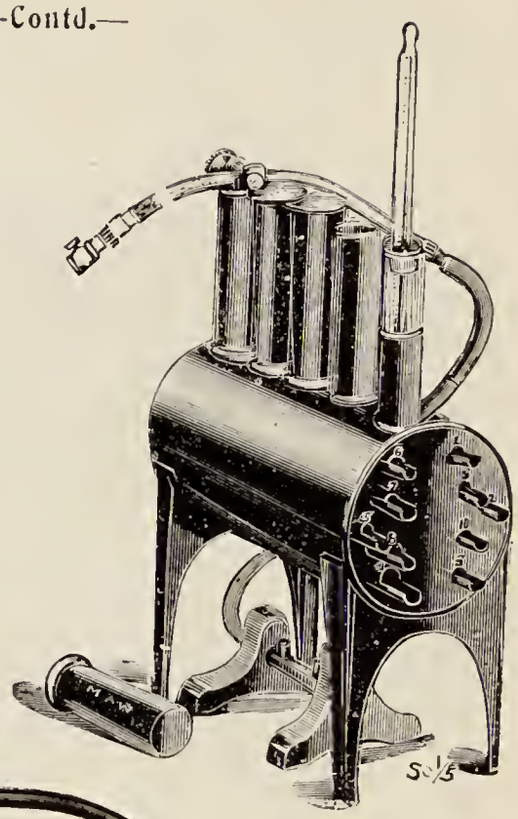
C/171 **Incubator, Opsonic,** Freeman's, nickel-plated, 20-tube capacity, complete with gas regulator, jet and thermometer **4 4 0**

This Incubator can be readily kept at any temperature between 20 and 50 degrees centigrade. For ordinary opsonic work the temperature is maintained at a point between 35 and 40 degrees. Full working details on application.

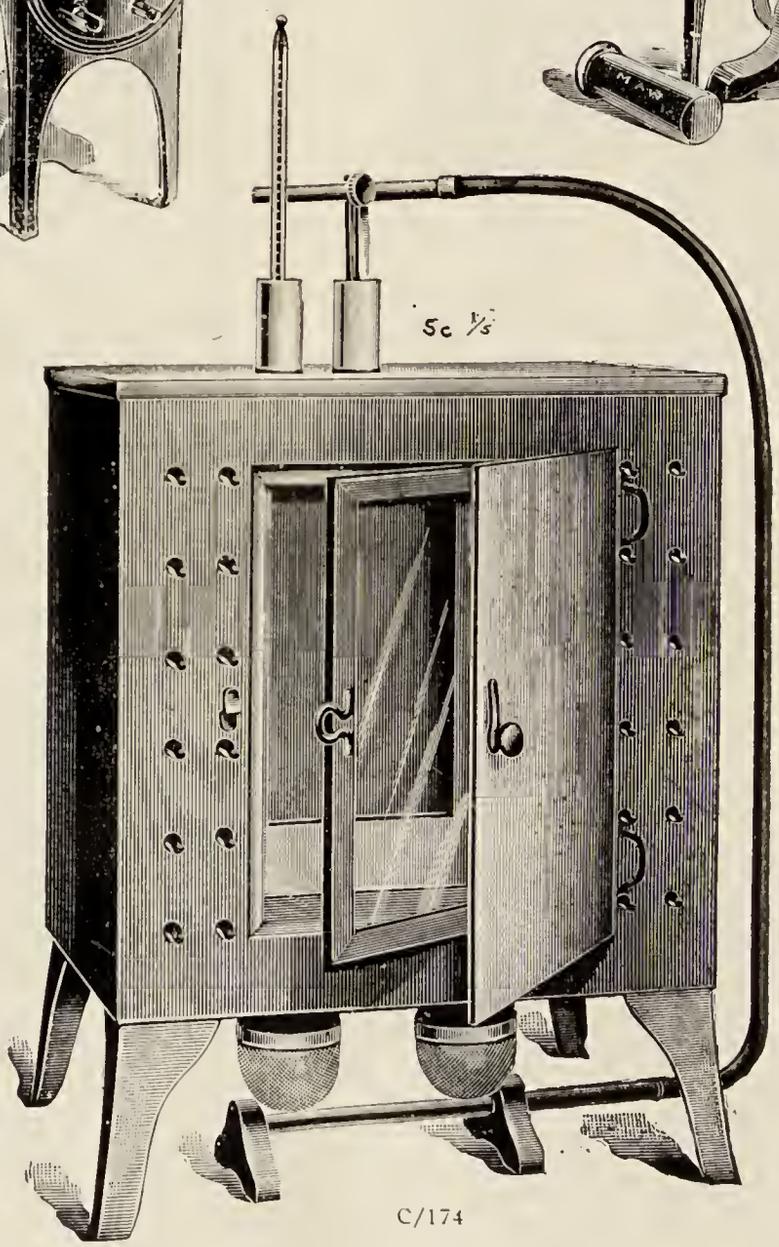
Bacteriological Apparatus and Microscope Sundries—Contd.—



C/172



C/173

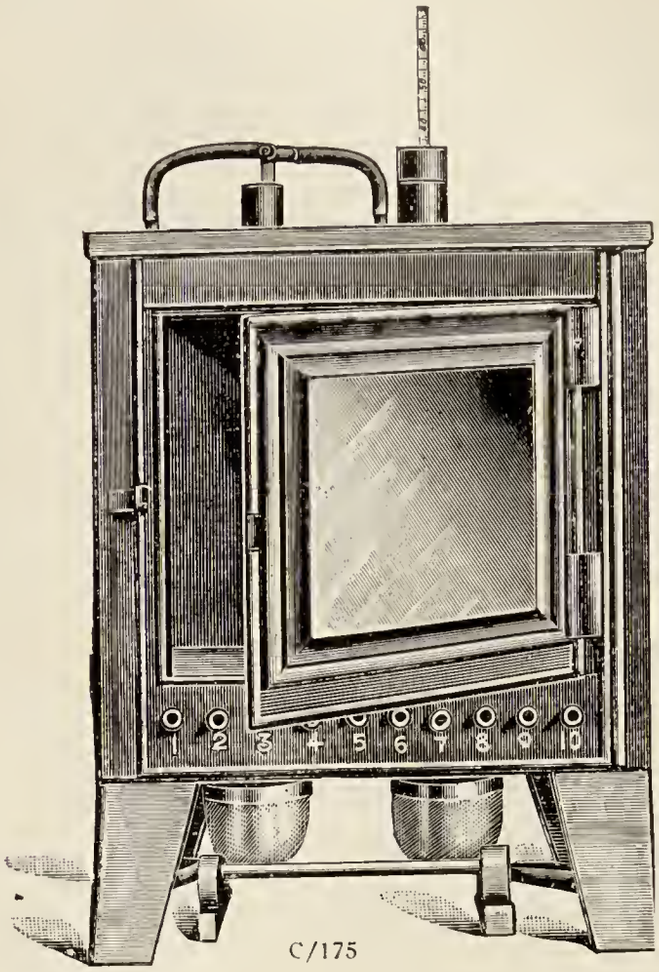


C/174

No.		£	s.	d.
C/172	**Incubator, Opsonic,** cylindrical, 10 tube capacity	3	10	0
C/173	Do. do., do., with 3 vaccine tubes	4	0	0
C/174	**Incubator and Opsonizer combined**	5	5	0

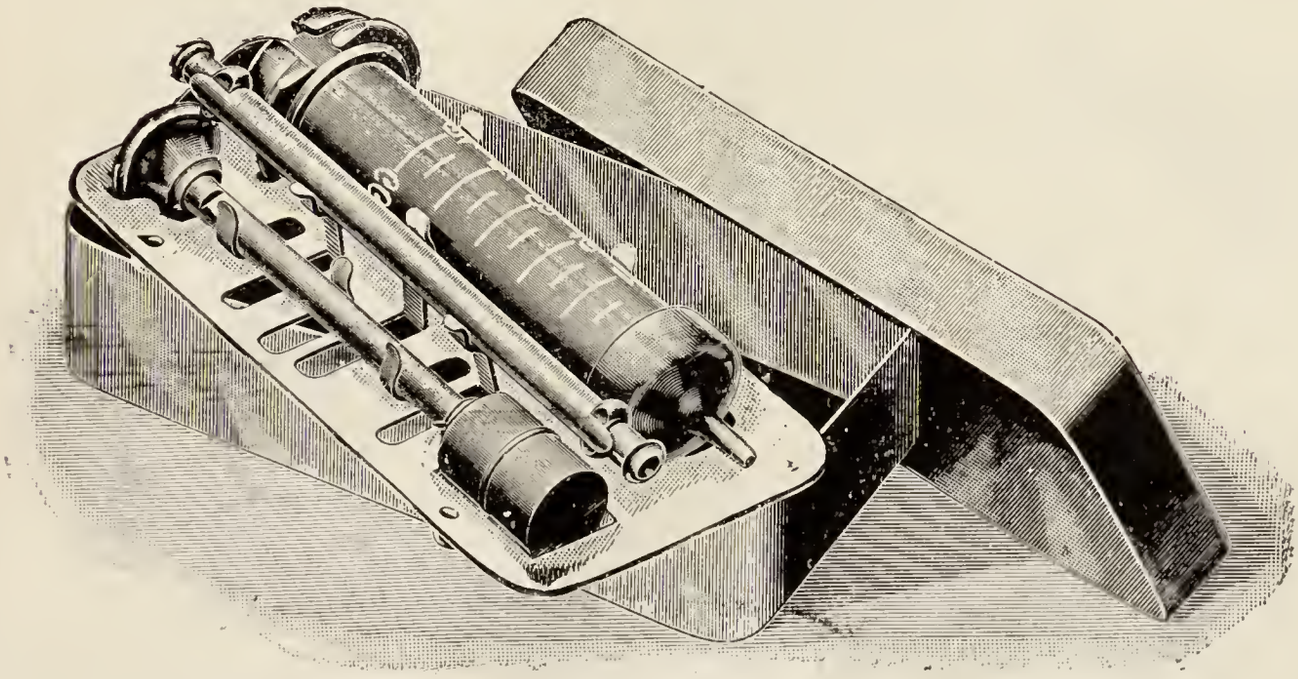
This combined Opsonizer and Incubator is sufficiently large to accommodate the needs of a single individual working in private practice. By its use there is a considerable saving both in time and in the amount of gas consumed.

Bacteriological Apparatus and Microscope Sundries—Contd.—



C/175

No.		£	s.	d.
C/175	**Incubator and Opsonizer,** combined, Freeman's, specially designed for the use of Opsonists in general practice, complete with heat regulator, thermometer and 2-burner lamp	5	0	0



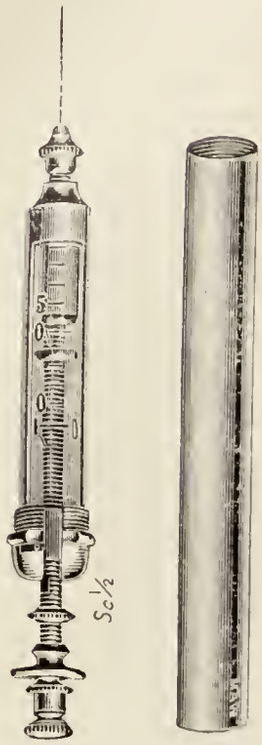
C/176—C/179

Inoculation Syringes—

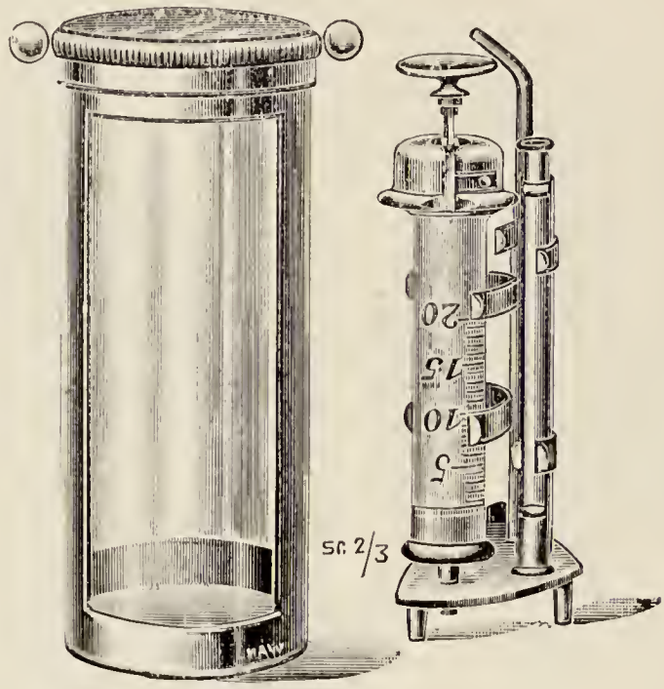
"The Record," fitted with graduated piston and regulating screw, in metal case.

C/176	1 c.c. .. .. each	0	7	6
C/177	5 c.c. .. .. ,,	0	13	6
C/178	10 c.c. .. .. ,,	0	16	6
C/179	20 c.c. .. .. ,,	0	19	6

Bacteriological Apparatus and Microscope Sundries—Contd.—



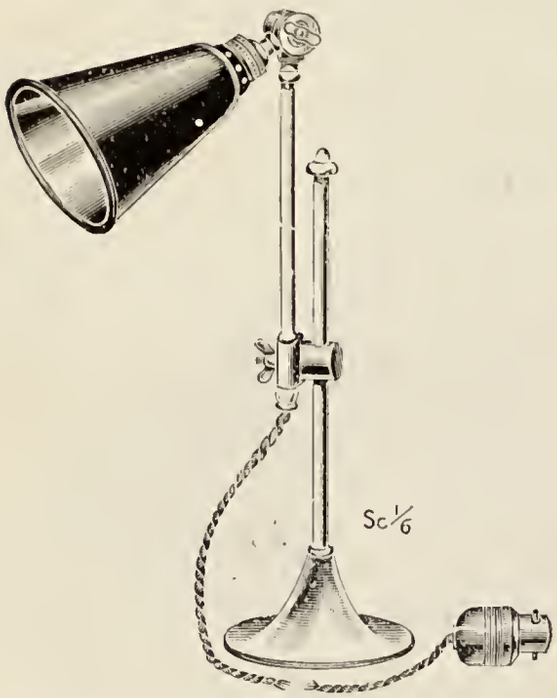
C/180



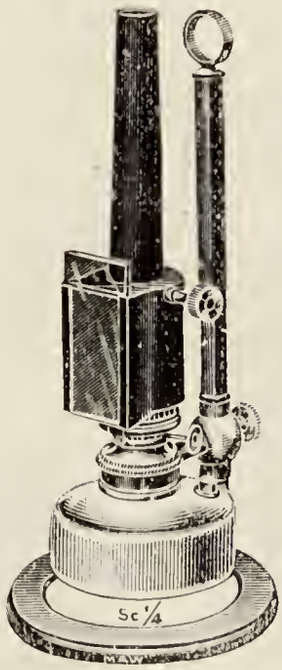
C/181

Inoculation Syringes—Contd.—

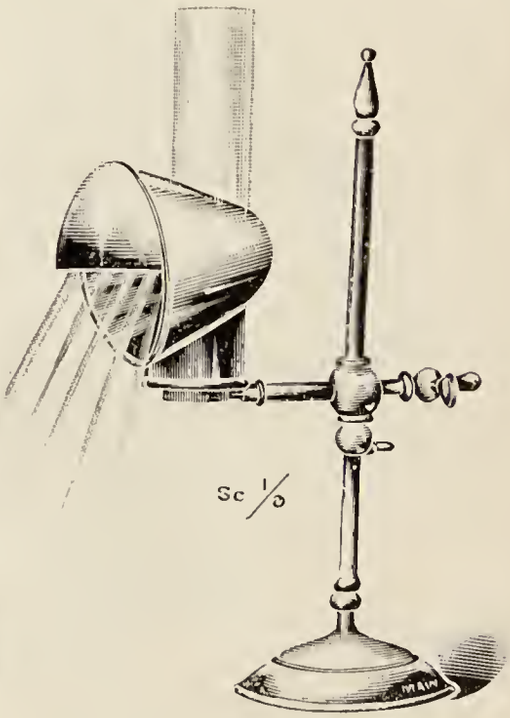
No.		£	s.	d.
C/180	"The Ready," in screw-top tubular case, having spare needle in head of piston-rod, as used in the Inoculation Department of St. Mary's Hospital .. .. each, 1 c.c., **9/6**; 2 c.c. *The great advantage of this Syringe is that it can be carried in the pocket ready sterilized.*	0	11	6
C/181	The "Record," 1 c.c., fitted on a stand and enclosed in a glass cylinder with screw cap, so that it can be carried ready sterilized or immersed in alcohol	0	7	6
C/182	**Labels,** for slides, with ruled margins .. .. .. per gross	0	0	6



C/183



C/184

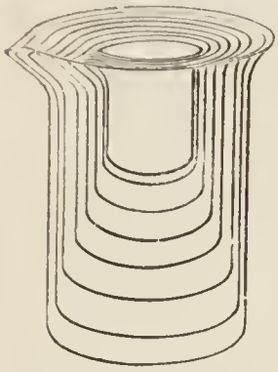


C/185

Lamps, Microscope—

C/183	Electric, fitted with nickel-plated reflector, adapter and cord ..	0	18	0
C/184	Paraffin, with slot for tinted glass	1	0	0
C/185	Gas, with nickel-plated reflector and adjustable brass stand ..	1	1	0

Bacteriological Apparatus and Microscope Sundries—Contd.—


C/186

C/187

C/188

C/189

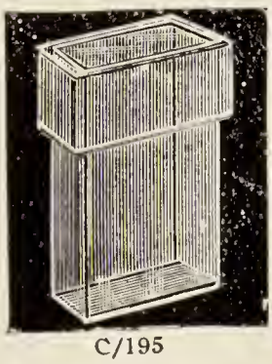
C/190

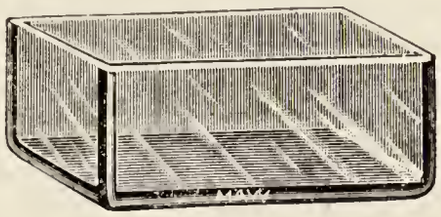
C/191

C/192

C/194

No.	Microscope and Bacteriological Glass-ware, etc.—	£	s.	d.
C/186	Beakers, Jena Glass, with spout—			
	Height .. .. 2¼ 2⅜ 3 3⅜ 4 4½ 5¼ in.			
	Diam. .. .. 2 2 2¼ 2½ 3 3½ 3¾ in.			
	Capacity .. .. 2 3 5 8 13 20 26 oz.			
	Per doz. **4/- 4/6 4/9 5/6 7/6 9/- 10/6**			
C/187	Bottles, Balsam, with loose cap and dipping rod, 1 oz., per doz.	0	9	0
C/188	Do. do., with ground-on cap and rod, 1 oz., per doz.	0	8	6
C/189	Do. do., conical, with return edge for scraping the balsam off the rod, capacity 1 oz. .. per doz.	0	9	0
C/190	Bottles, Cedar wood oil, ½ oz. capacity, with dipping rod cemented to stopper and ground-on cap .. .. per doz.	0	12	0
C/191	Do. Drop ..per doz., 15 c.c. **2/-**; 30 c.c. **2/3**; 50 c.c. **2/3**; 100 c.c.	0	3	0
C/192	Do. do., Lamprecht's, 1½ oz. .. .. .. per doz.	0	2	3
C/193	Do. do., with stoppered pipette, for stains, 1 oz., per doz.	0	5	9
C/194	Do. do., with pipette and teat, 1 oz. capacity ,,	0	8	6

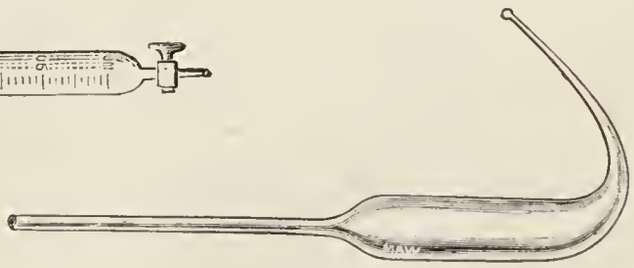

C/195


C/197

C/195	Boxes, Glass, with lid, for staining slides .. .. per doz.	0	8	6
C/196	Do. do., oval shape .. .. ,,	0	8	6
C/197	Do. do., rectangular, for washing slides—			

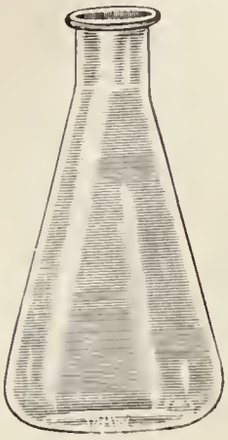
Length, 4 in.	4½ in.	4¾ in.	
Width, 1½ in.	each **1/-** 2 in.	each **1/3** 2½ in.	each **1/6**
Depth, 1½ in.	2 in.	1½ in.	

C/198


C/199

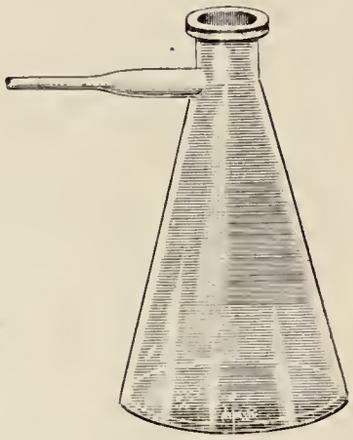
C/198	Burettes, Glass, with stopcock each, 25 c.c. **2/6**; 50 c.c.	0	3	4
C/199	Capsules, Wright's, for collecting blood specimens per gross	0	3	9
	Cover Glasses, diameter ⅝ in., ¾ in., ⅞ in., or 1 in.—			
C/200	Circles .. .. per oz., thin, No. 1, **3/3**; thick, No. 2	0	2	6
C/201	Squares .. .. ,, ,, ,, **3/3**; ,, ,,	0	2	6
C/202	Oblongs, 2 sizes .. per oz., 1½ in. by ¾ in., **3/3**; 2 in. by ⅞ in.	0	3	3

Bacteriological Apparatus and Microscope Sundries—Contd.—



C/205

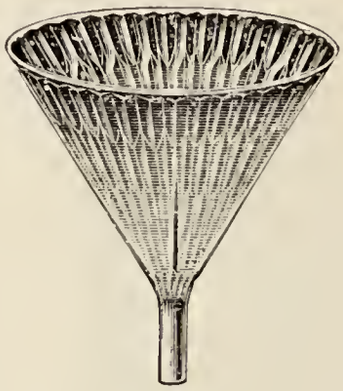
C/203



C/206

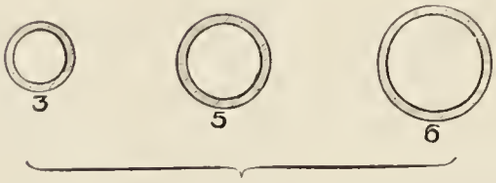
No.	Microscope and Bacteriological Glass-ware, etc.—Contd.—	£	s.	d.
C/203	Capsules or Pots, shallow, for hardening microscopical preparations, etc.—			
	Diameter .. 2 in. 2½ in. 3 in. 4 in.			
	Per doz. .. 3/8 4/- 4/6 6/-			
C/204	Fermentation Tubes, Durham's .. .. .. per gross	0	1	6
C/205	Flasks, Jena Glass—			
	Capacity .. ¼ ½ 1 1½ 2 litres			
	Per doz. .. 5/10 7/9 13/- 14/- 15/-			
C/206	Flasks, Filtering, extra stout, per doz., ½ litre, 12/6; 1 litre	0	18	0

C/207

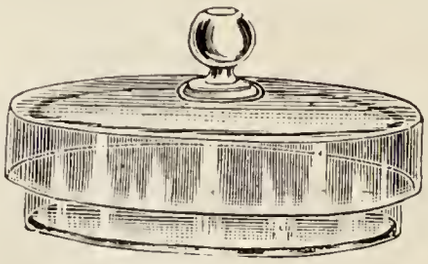


C/208

C/207	Funnels—								
	Diam. ..	2	2½	3½	4	6	7	8	9½ in.
	Capacity	1	2	4	8	20	40	70	80 oz.
	Per doz.	1/8	2/-	3/4	4/-	6/6	9/-	14/-	—
C/208	Do, for rapid filtration—								
	Per doz.	—	4/6	6/-	7/6	11/-	18/-	—	27/-



C/209



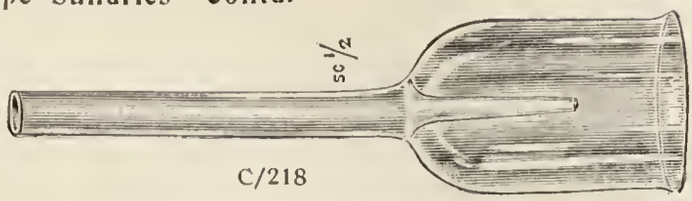
C/211

C/212

C/209	Glass Tubing, free from lead, 3 sizes, 3 mm., 5 mm. and 6 mm. internal diameter .. ..per lb.	0	0	9
C/210	Glass Tube Cutters .. .. each	0	1	6
C/211	Moist Chamber, 8¼ in. by 2 in. .. .. .. per doz.	0	19	6
C/212	Mortars and Pestles, Agate, 2½ in. diameter .. .. each	0	7	0
C/213	Needles and Loops, platinum on glass handles .. .. ,,	0	1	6
C/214	Pencils, blue, for writing on glass .. .. .. per doz.	0	3	0

Bacteriological Apparatus and Microscope Sundries—Contd.—

C/215

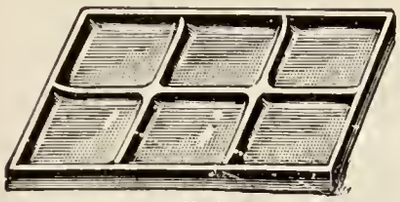


C/218

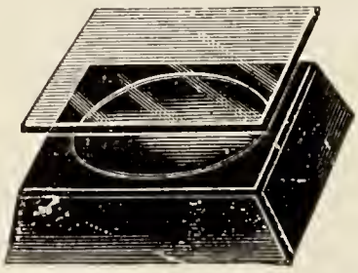
C/216

C/217

No.	Microscope and Bacteriological Glass-ware, etc.—Contd.—	£	s.	d.
C/215	Petri Dishes, glass .. per doz. pairs, 2 in., 3/6; 2½ in., 4/-; 3 in., 4/6; 4 in.	0	5	0
C/216	Pipettes, Glass—			
	Capacity 1 5 10 20 50 100 c.c.			
	Per doz. 1/6 2/6 3/- 4/- 6/- 8/-			
C/217	Do., Wright's, for making blood coagulation tubes, 5 c.mm., each	0	3	0
C/218	Do., hooded .. .. per doz.	0	4	0



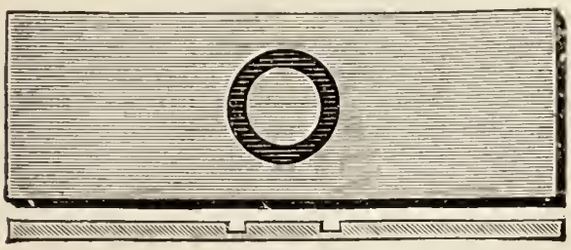
C/219



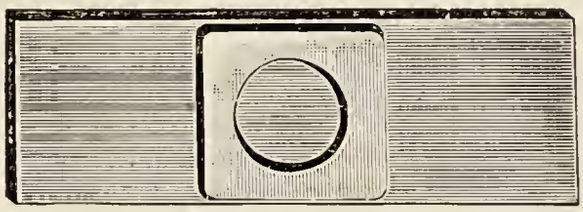
C/220

C/221

C/219	Plates, Staining, porcelain, for large sections	0	5	6
C/220	Do. do., glass, with cover .. .. per doz.	0	6	0
C/221	Do. do., porcelain, each, 3 hole, 4d.; 6 hole, 6d.; 12 hole	0	0	9

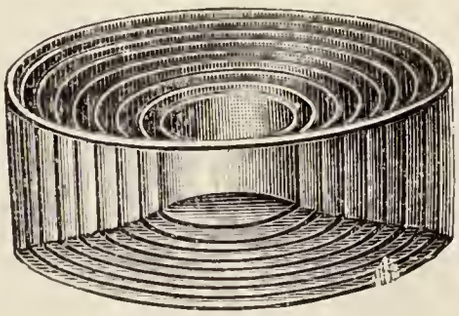


C/226

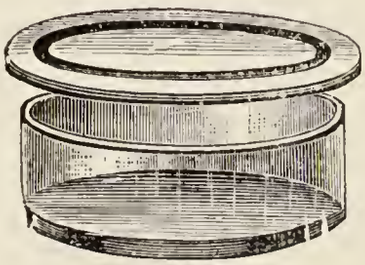


C/227

C/222	Slides, crown glass, with polished edges, 3 in. by 1 in. or 3 in. by 1½ in., per gross	0	3	0
C/223	Do. do., in alcohol, in stoppered glass bottles, per gross	0	10	0
C/224	Do. do., in oil of cloves, in stoppered glass bottle, per gross	0	10	0
C/225	Do. do., with concave centre .. .. per doz.	0	0	9
C/226	Do. do., with circular groove .. .. ,,	0	10	0
C/227	Do. do., with cemented chamber for hanging drop ,,	0	6	0
C/228	Spirit Lamps, glass, 2 oz. .. .. ,,	0	16	0



C/229



C/230

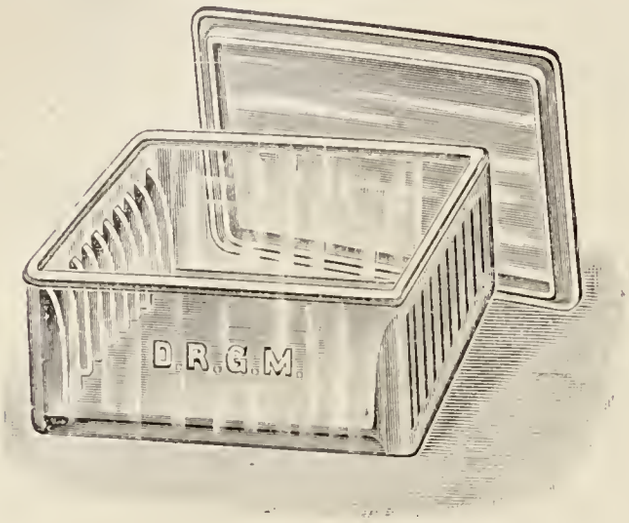
C/229 Staining Dishes, clear glass—

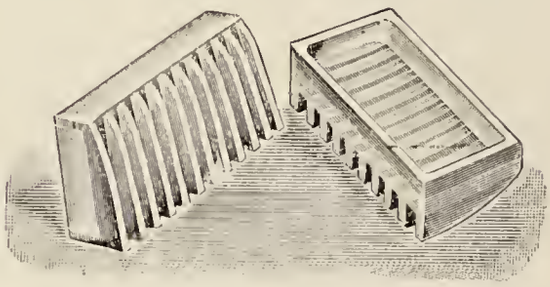
Diameter	1⅝ in.	2 in.	2⅝ in.	3⅛ in.	3½ in.	3⅞ in.	4½ in.	5 in.	6 in.
Per doz.	2/-	2/-	2/6	2/9	3/-	3/3	4/-	5/-	6/6

C/230 Staining Dishes, with ground-glass lids—

Diameter	..	..	1⅝ in.	2 in.	2⅜ in.	3⅛ in.	3⅞ in.	4⅝ in.	5½ in.
Per doz.	..	..	4/-	4/-	5/-	6/-	7/-	8/-	9/-

Bacteriological Apparatus and Microscope Sundries—Contd.—

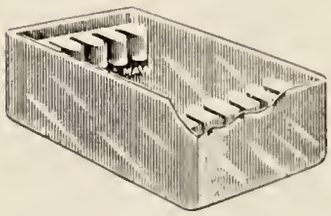




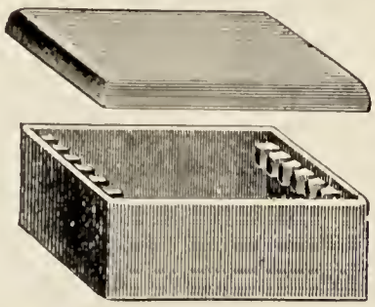
C/231

Microscope and Bacteriological Glass-ware, etc.—Contd.—

No.		£	s.	d.
C/231	Staining Trough, glass, 3× 1½ in., with slots for 10 slides.. ..	0	2	0

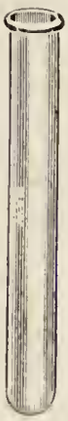


C/232



C/233

C/234



C/235

C/239

C/232	Staining Trough, porcelain, 3½ × 1½ in., with slots for 6 slides..	0	1	0
C/233	Do. do. do., with lid	0	1	6
C/234	Storage Jars for Culture Tubes each, 7× 3 in., 1/- ; 7× 4 in.	0	1	3
C/235	Test Tubes, extra stout, for cultivation media, ⅝ in. per gross	0	4	6
C/236	Do., ordinary quality, German glass, ⅝ in. ,,	0	2	9
C/237	Thermometers, Chemical, 300°, 400° or 600°F., in wood case, each	0	1	6
C/238	Do. do., 100°C. or 200°C. .. .. ,,	0	1	6
C/239	Trial Jars, for sediment, per doz., 6½ × 1½ in., 6/- ; 8× 2 in.	0	8	0
C/240	Do., with flat bottom, per doz., 6× 1¾ in., 3/- ; 7× 1¾ in., 3/6 ; 9× 2¼ in.	0	5	0

C/241

C/241	Typhoid Tubes, Widal's .. .. per gross	0	2	6
C/242	Urine Glasses, Conical, on foot, per doz., 1 oz., 5/- ; 2 oz., 5/6 ; 4 oz., 6/- ; 8 oz.	0	9	0

C/243

C/243	Vaccine Bulbs, Wright's, white, green or amber, 1 c.c. per gross	0	3	0

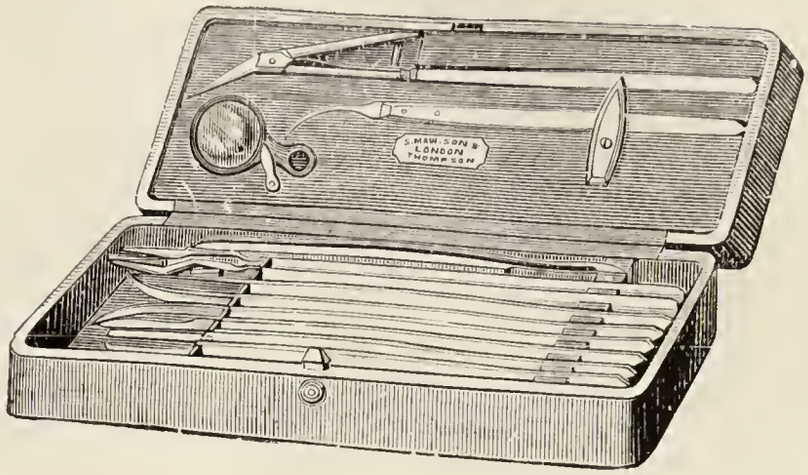
C/244

C/244	Vaccine Flasks, Bulloch's, 1 c.c. .. .. .. per gross	0	4	9

Bacteriological Apparatus and Microscope Sundries—Contd.—

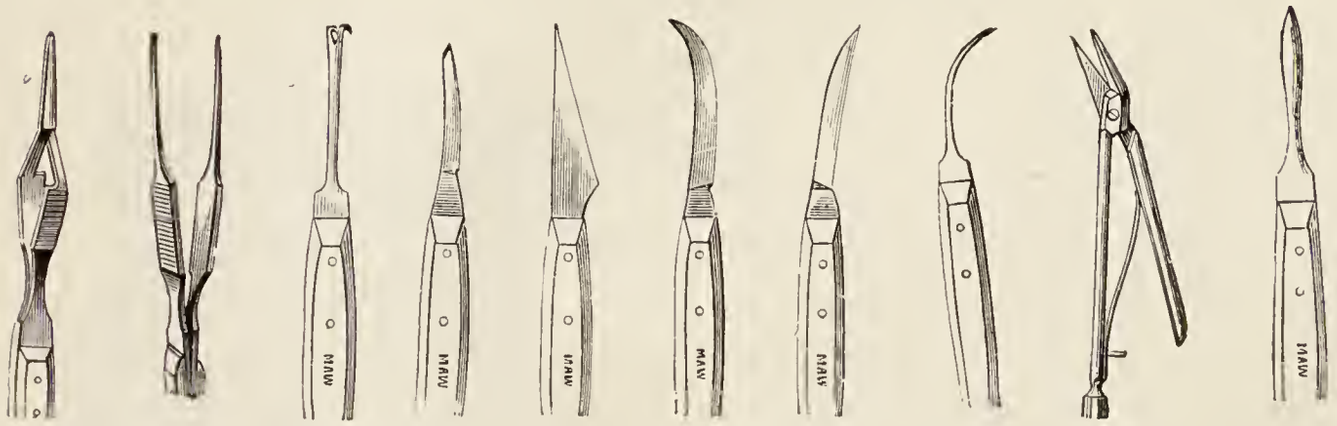
C/245

C/246



C/249

No.		£	s.	d.
	Microscope and Bacteriological Glass-ware, etc.—Contd.—			
C/245	Vaccine Bottles, Wright's, with india-rubber caps, 50 c.c., in white, green or amber glass .. .. .. per doz.	0	3	6
C/246	Wash Bottle, with india-rubber cork and glass tube— each, ½ litre, **1/-**; ¾ litre, **1/3**; 1 litre,	0	1	6
C/247	Watch Glasses, per gross, 1¾ in., **5/6**; 2 in., **6/-**; 2¼ in., **6/6**; 2¾ in., **12/6**; 3¼ in., **13/6**; 3½ in., **18/-**; 4 in.	1	10	0
C/248	Do., do., with flat bottom, 2 ins. diameter .. per gross	0	10	0
	Microscope Instruments—			
C/249	Case of Instruments, leather-covered, 7 in. by 2½ in. by 1¼ in., containing 5 knives, 2 hooks, fine needle, spring forceps, fine pointed forceps, and spring scissors in ivory handles, with magnifying lens in horn mount	1	11	6
C/250	Case of Instruments, 6 in. by 2 in. by 1 in., containing 5 knives, spring forceps, and fine pointed scissors in ivory handles ..	0	14	0

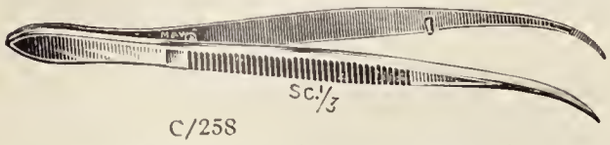


C/251 C/252 C/253 A B C D C/255 C/256 C/257

C/254

C/251	Forceps, cross action, nickel plated, in ivory handle	0	5	6
C/252	Do., spring action, fine pointed, nickel plated, in ivory handle	0	4	0
C/253	Hook, double, in ivory handle	0	1	6
C/254	Knives, various patterns, A, B, C and D .. .. .. each	0	1	6
C/255	Needle, sharp-pointed	0	1	6
C/256	Scissors, spring action, on ivory handle	0	6	6
C/257	Spud, with blunt edges	0	2	0

Bacteriological Apparatus and Microscope Sundries—Contd.—

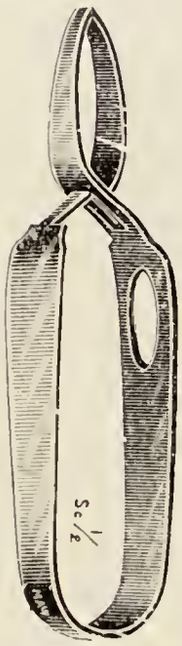


C/258

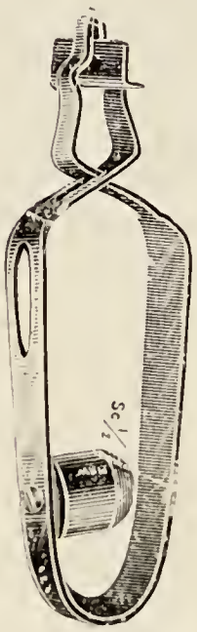
C/259

Microscope Instruments—Contd.—

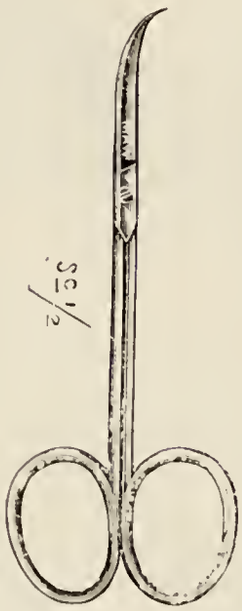
No.		£	s.	d.
C/258	Forceps, fine pointed, curved, nickel-plated	0	2	0
C/259	Do. do., straight, nickel-plated	0	2	0



C/260

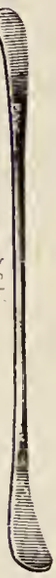


C/261



C/264

C/265



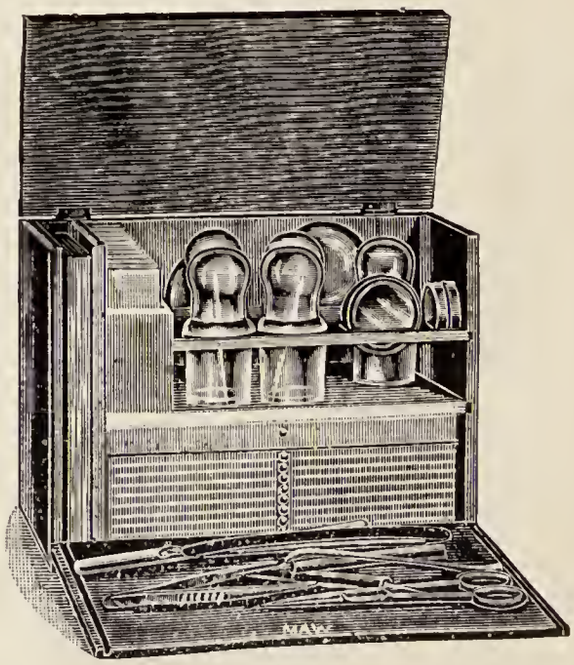
C/266

C/260	Forceps, Cornet's, nickel-plated, for holding cover glasses ..	0	1	0
C/261	Do. do., improved pattern, nickel-plated	0	1	9
C/262	Needles, mounted in wood handles .. .. per doz.	0	1	0
C/263	Scissors, fine pointed, straight	0	0	8
C/264	Do. do., curved	0	1	0
C/265	Section Lifters, double ended, copper	0	1	6
C/266	Do. do., do., with long blades	0	1	3

C/267

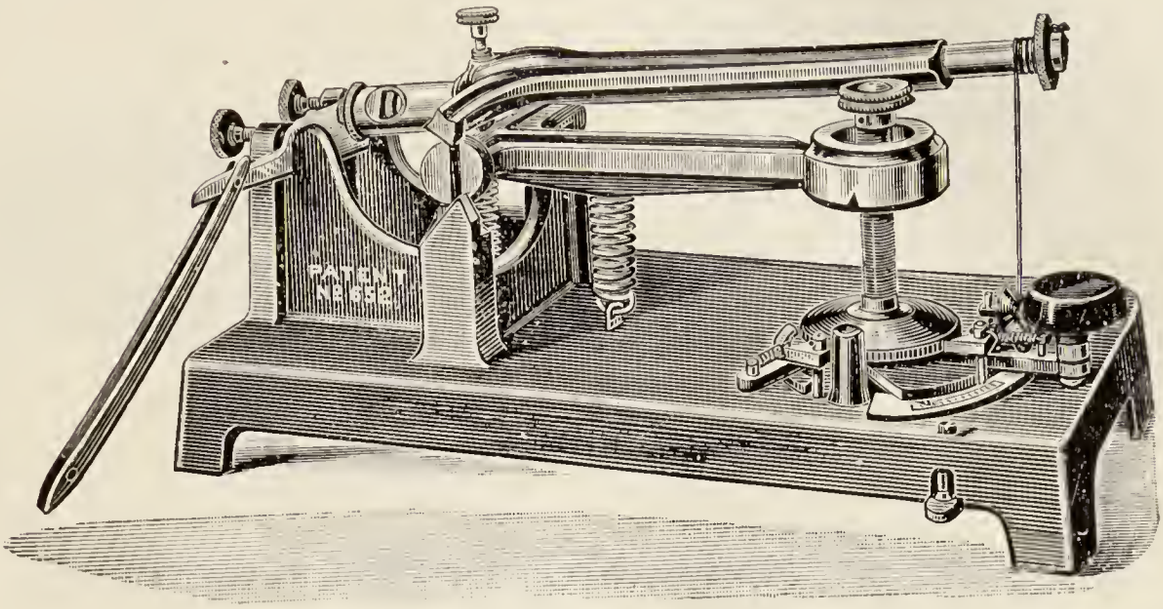
C/267	Seekers, in ebony handles, with brass mounts .. per doz.	0	3	6

C/268 **Mounting Cabinet,** 9 in. by 7 in. by 5 in. (weight 5½ lbs.), polished mahogany, with carrying strap, containing 3 capped solution bottles with glass rods, balsam bottle, lamp, 6 dozen slides, cover glasses, labels, 4 watch glasses, 3 china dishes, razor, scissors, pipette, forceps, 3 mounted needles, section lifter, 2 brushes, glass rod, note book and pencil, and 9 trays to hold 6 slides each .. .. £ 1 s. 4 d. 0



C/268

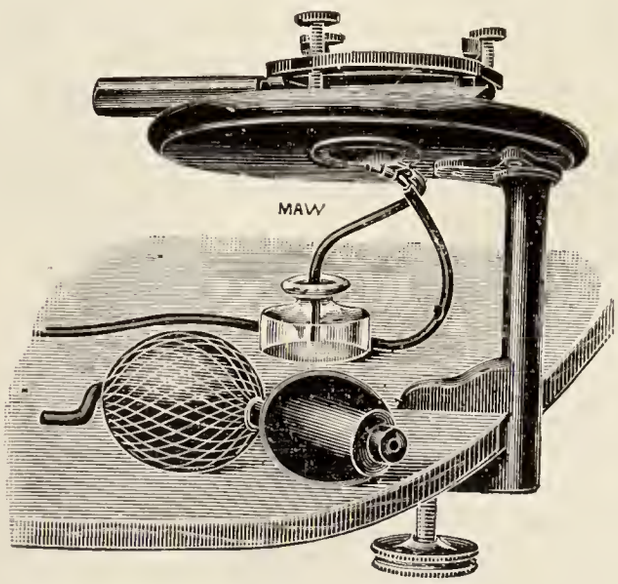
Bacteriological Apparatus and Microscope Sundries—Contd.—



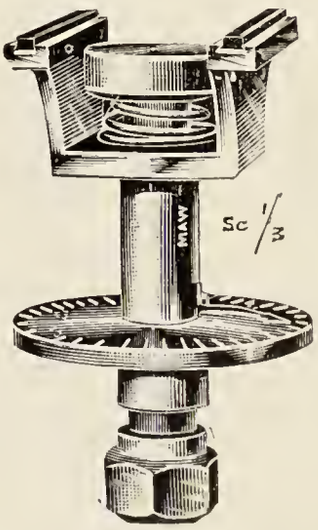
C/269

Microtomes—

No.		£	s.	d.
C/269	Cambridge rocking pattern for paraffin sections, latest model, with orientating object holder, arrangement for preventing tearing of the sections on the upward movement of the object, and graduated arc for showing the thickness	5	5	0



C/270

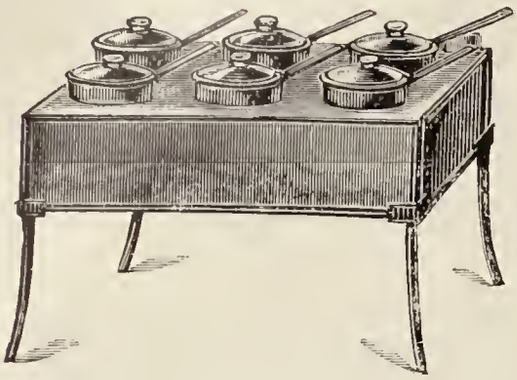


C/271

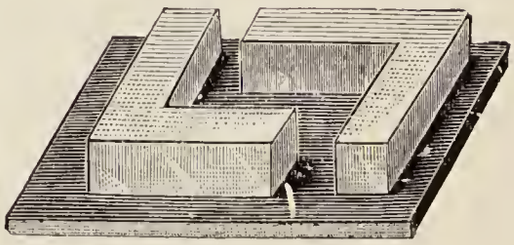
C/270	Williams's, for use with ether spray, fitted with razor carrier, bellows and bottle complete	4	4	0
C/271	Bardeen's,* for freezing by carbonic acid gas	2	2	0
C/272	Steel Cylinder, filled with 10 lbs. of CO_2	1	15	0
C/273	Refilling Cylinders	0	3	6

* This form of microtome is indispensable for clinical work where stained sections of morbid tissues are required within a few minutes of the beginning of an operation in order that the surgeon may determine his mode of procedure. It freezes almost instantaneously, regardless of room temperature or humidity, and at a very small cost. The temperature of the object to be frozen is, within limits, under the control of the operator. The knife slides in glass girder and the microtome may be attached directly to a CO_2 cylinder.

Bacteriological Apparatus and Microscope Sundries—Contd.—

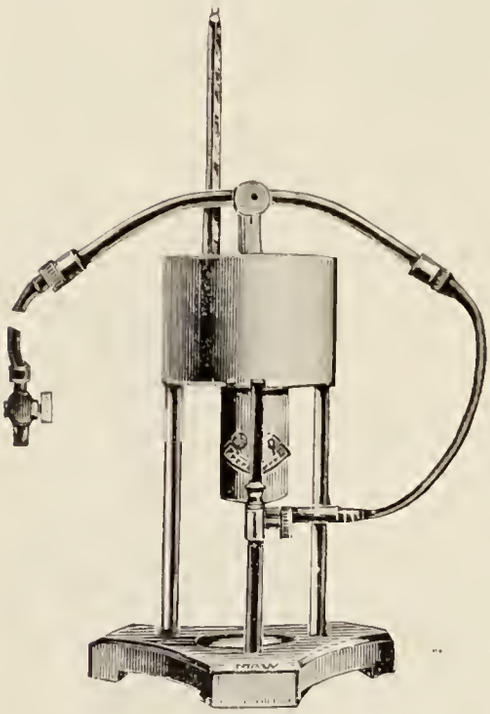


C/274

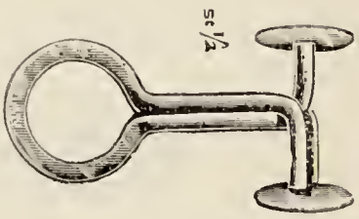


C/275

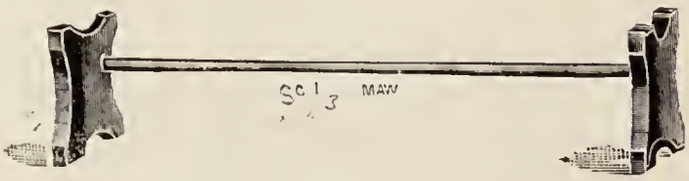
No.	Microtome Accessories—	£	s.	d.
C/274	Embedding Bath, for paraffin preparations, with 6 copper pots, on stand	2	5	0
C/275	Embedding Trough, consisting of 2 L-shape glass blocks on a zinc plate	0	4	6
	Embedding Materials—			
C/276	Paraffin wax, melting point 40°c., 45°c. or 52°c. .. per lb.	0	5	0
C/277	Pith, best quality .. .. per bundle	0	1	0
C/278	Bellows, india-rubber for ether freezing microtomes .. each	0	2	6
C/279	Plane irons for cutting sections .. .. ,,	0	15	0
C/280	Handle for use with above .. .. extra	0	12	6
C/281	Razor for cutting sections	0	1	6



C/282

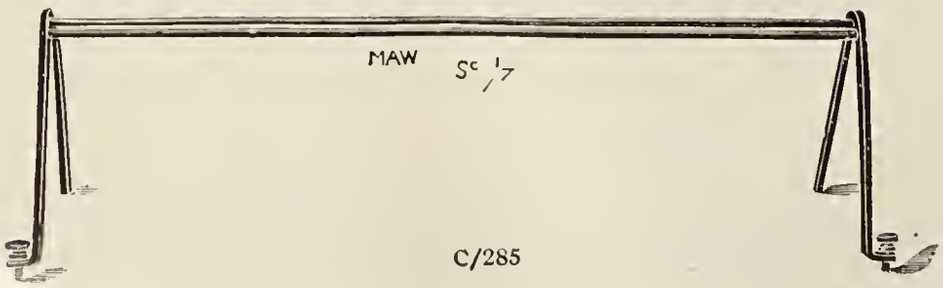


C/283



C/284

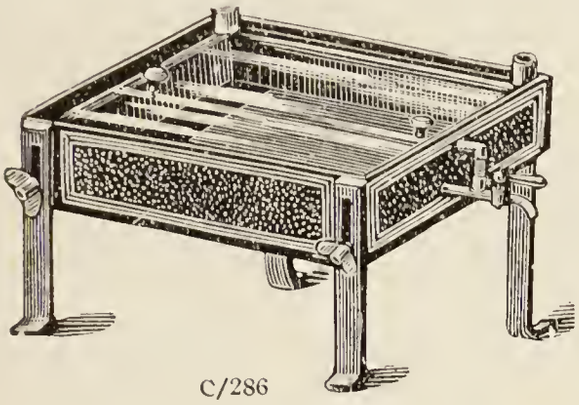
C/282	**Oil Bath,** Wright's, for the sterilization of Inoculation Syringes, complete with gas regulator, tubing, etc.	2	0	0
C/283	**Pinchcocks,** 3 sizes .. .. per doz., **3/-**, **4/-** and	0	5	0
C/284	**Rack** for supporting Culture Tubes in various elevations	0	2	0



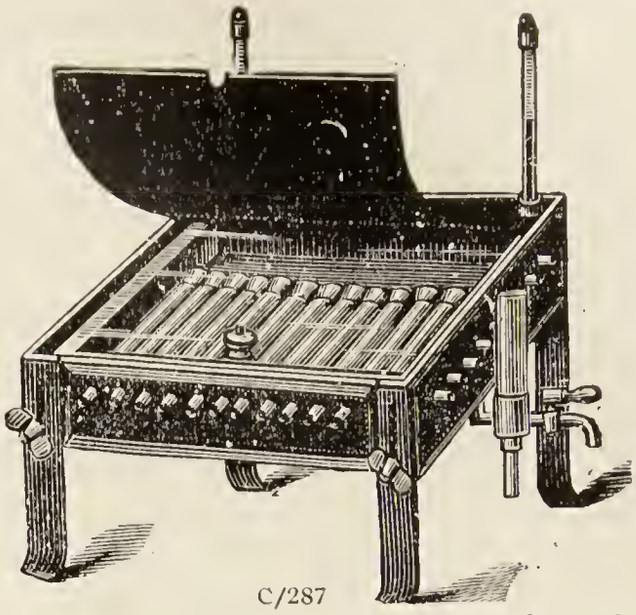
C/285

C/285	Rack for staining slides, nickel-plated, as used at St. Mary's Hospital	0	6	0

Bacteriological Apparatus and Microscope Sundries—Contd.—



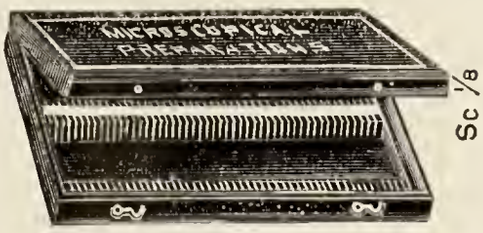
C/286



C/287

No.		£	s.	d.
C/286	**Serum Inspissator,** Koch's, copper with double walls and glass cover, felt covered, with arrangement for adjusting the height of the front legs, to hold 25 or 50 tubes .. each **40/-** and	2	6	0
C/287	Do. do., as above, improved form with air holes, to hold 25 or 50 tubes .. .. each **46/-** and	2	12	0

C/288

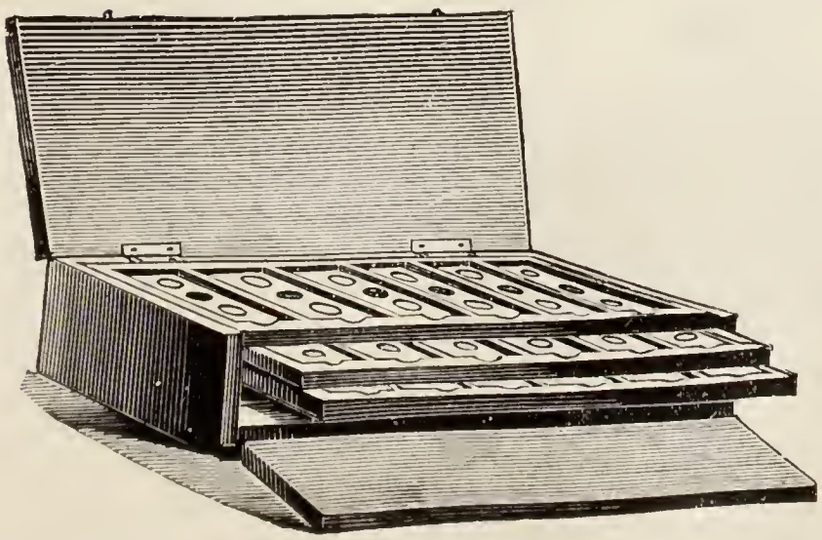


C/289—C/290

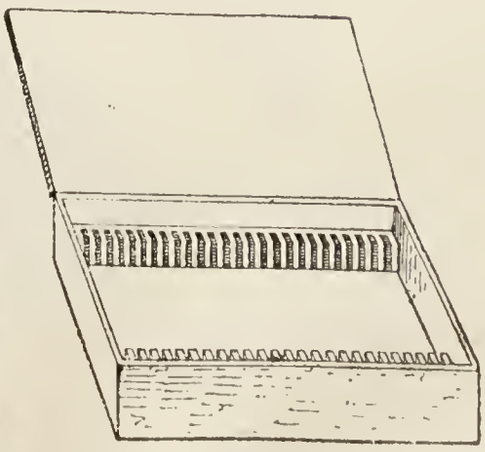
C/291

Slide Boxes—

C/288	Book-form, containing card trays as fig. C/300, for 8 doz. slides	0	6	0
C/289	Cloth-covered hinged box, with wood racks for 100 slides ..	0	3	0
C/290	Ditto, ditto, ditto, for 50 slides ..	0	2	0
C/291	Cloth-covered push-out box, with wood racks, for 25 slides ..	0	1	0



C/292—294



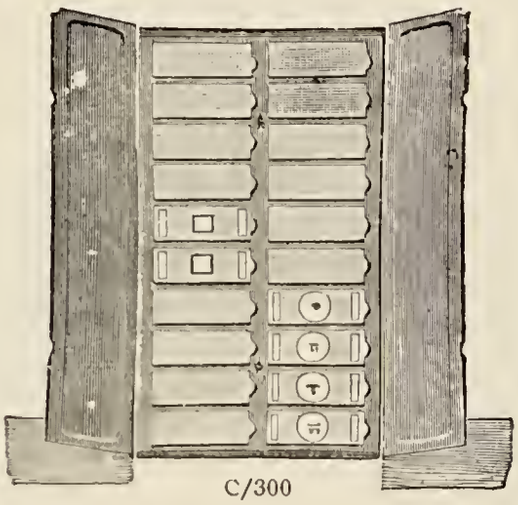
C/295—298

Bacteriological Apparatus and Microscope Sundries—Contd.—

No.		£	s.	d.
	Slide Boxes, polished pine, with partitioned trays and let-down front—			
C/292	For 3 dozen slides	0	2	3
C/293	For 6 do.	0	3	0
C/294	For 12 do.	0	6	0
	Slide Boxes, common, with vertical grooves and cloth hinged lids—			
C/295	For 1 dozen slides .. .. per doz.	0	4	6
C/296	For 3 do. .. .. ,,	0	11	0
C/297	For 6 do. .. .. ,,	1	2	0
C/298	For 12 do. .. .. ,,	2	4	0

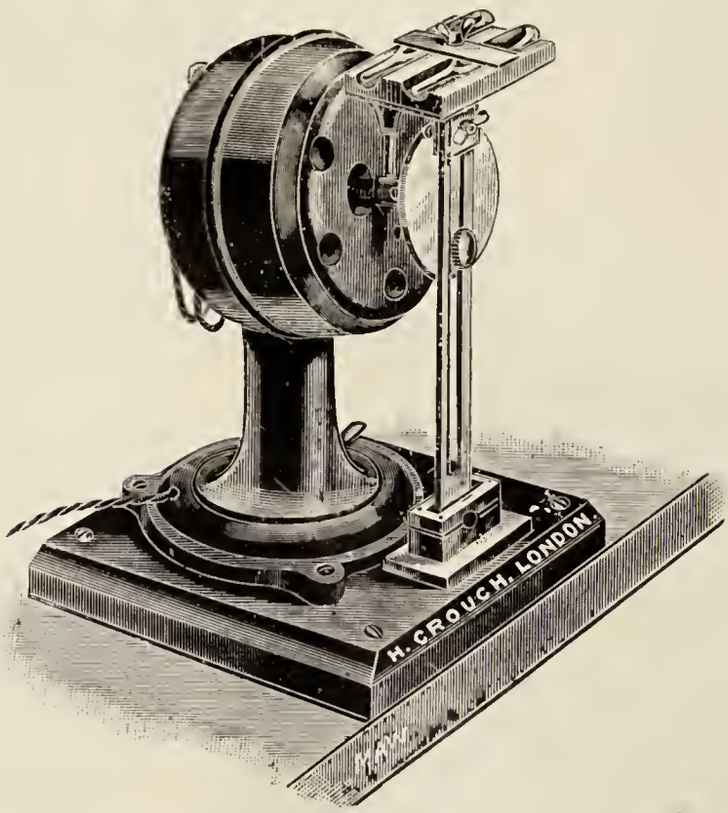
C/299

C/299 **Slide Holder,** Boston's wire, for holding slides horizontal while staining, etc... .. .. per doz. 0 4 6



C/300

C/300 **Slide Trays,** cardboard, with flaps, to hold 20 slides .. per doz. 0 7 0



C/301

C/301 **Shaker,** electric, with motor, on small stand 6 18 6

Bacteriological Apparatus and Microscope Sundries—Contd.—

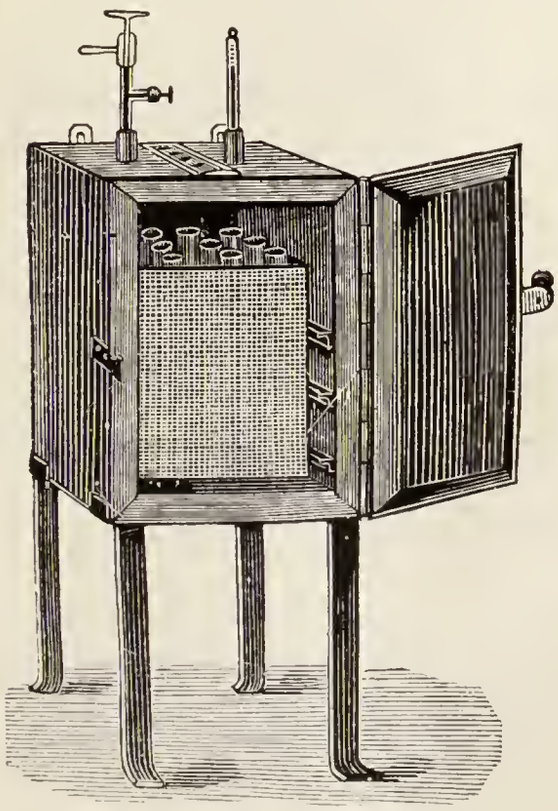
Stains, Grübler's, etc., in solution, for Microscopical Preparations—

No.		s.	d.
C/302	Alcohol, absolute .. per 2 oz. bott.	1	3
C/303	Aniline, blue .. per 50 gm. ,,	0	10
C/304	Aniline Oil .. .. .. per oz.	0	10
C/305	Bismark, brown* .. per 50 gm. bott.	0	8
C/306	Borax, carmine .. ,, ,,	0	8
C/307	Canada Balsam .. per 1 oz. ,,	0	8
C/308	Do. in xylol .. ,, ,,	0	8
C/309	Carmalum (Mayer).. per 50 gm. ,,	0	8
C/310	Cedar Wood Oil .. per 10 gm. ,,	0	8
C/311	Ehrlich's Triple Stain for eosinophilus cells .. .. per 25 gm. bott.	1	6
C/312	Do. do. * for neutrophilous granules .. per 25 gm. bott.	1	6
C/313	Eosin, aqueous 1%*, per 50 gm. ,,	0	8
C/314	Do. alcoholic .. ,, ,,	0	8
C/315	Ether ·730 .. .. per 8 oz. ,,	6	0
C/316	Formalin .. .. .. per lb.	2	0
C/317	Fuchsin Carbol,* .. per 50 gm. bott.	0	8
C/318	Gentian Violet, aqueous* ,, ,,	0	8
C/319	Gibbes's Double Stain for Tubercle. per 50 gm. bott.	1	3
C/320	Glycerine, pure .. per 2 oz. bott.	0	6
C/321	Hæmalum (Mayer),* per 50 gm. ,,	0	8
C/322	Hæmatoxylin Acid, Ehrlich's, per 50 gm. ,,	1	0
C/323	Hæmatoxylin, Weigert's 2 solutions, each, per 50 gm. bott.	0	9
C/324	Jenner's Stain for Blood ,, ,,	1	4
C/325	Leishmann's Stain .. ,, ,,	1	6
C/326	Lœffler's Solution for flagellæ, 2 solutions, each, per 50 gm. bott.	0	8
C/327	Methyl, violet, aqueous* ,, ,,	0	8
C/328	Methylene, blue, acid ,, ,,	0	8
C/329	Do. do. alkaline* ,, ,,	0	8
C/330	Do. do. borax* ,, ,,	1	2
C/331	Do. do. carbol ,, ,,	0	9
C/332	Picric Acid Solution, per 100 gm. ,,	0	8
C/333	Picrocarmine (Weigert's), per 50 gm. ,,	1	0
C/334	Romanowsky's Stain* ,, ,,	1	6
C/335	Thionin Carbol* .. ,, ,,	1	0
C/336	Toison's Fluid* .. ,, ,,	0	9

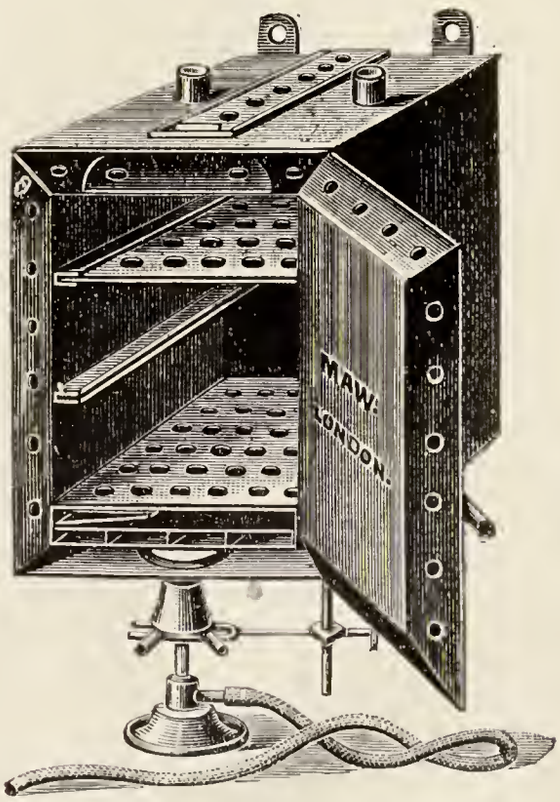
Stains, Grübler's, in crystals, for Microscopical Preparations—

No.		s.	d.
C/337	Aniline Blue .. per 5 gm. bott.	0	8
C/338	Bismark Brown .. ,, ,,	0	5
C/339	Borax Carmine .. ,, ,,	1	6
C/340	Carmalum (Mayer).. ,, ,,	1	0
C/341	Eosin, Alcoholic .. ,, ,,	0	7
C/342	Do. Aqueous .. ,, ,,	0	7
C/343	Fuchsin Carbol .. ,, ,,	0	6
C/344	Gentian Violet, aqueous ,, ,,	0	6
C/345	Hæmalum (Grübler) per 5 gm. bott.	1	2
C/346	Hæmatein (Mayer) ,, ,,	4	6
C/347	Hæmatoxylin .. ,, ,,	1	0
C/348	Jenner's Stain for blood ,, ,,	3	0
C/349	Methylene, blue (Koch) ,, ,,	0	10
C/350	Methyl, violet, aqueous ,, ,,	0	7
C/351	Soudan III. .. ,, ,,	0	8
C/352	Thionin Carbol .. ,, ,,	2	6

*The Stains marked * can be supplied in "Soloid" form (B. W. & Co.) if desired.*



C/353

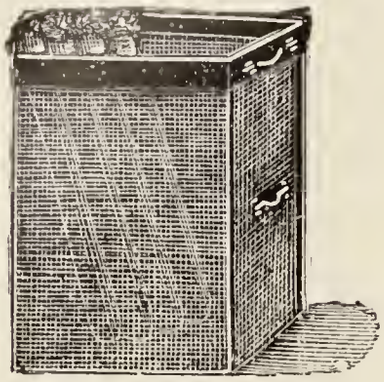


C/354

Sterilizers (hot air), with double walls, for Bacteriological Apparatus—

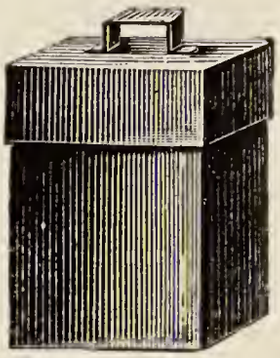
No.		£	s.	d.
C/353	To stand on table, height of oven, 9½ in.; breadth, 7 in.; depth, 6½ in.	1	4	0
C/354	To hang on wall, height of oven, 12 in.; breadth, 9 in.; depth, 8 in.	2	2	0

Bacteriological Apparatus and Microscope Sundries—Contd.



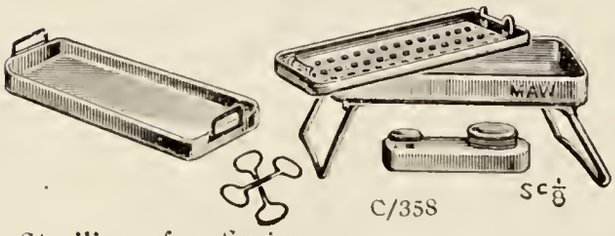
C/355

C/356



C/357

No.		£	s.	d.
	Sterilizing Baskets—			
C/355	For test tubes, etc., wire, 7½ in. by 4¾ in. by 3¼ in.	0	2	0
	Sterilizing Boxes—			
C/356	Metal for pipettes, 8 in. deep	0	2	3
C/357	Do., glass plates, etc., 6 in. by 4¾ in. by 2 in.	0	2	6



C/358

C/358	**Sterilizer for Syringes—** Nickel-plated, seamless, with drop-over lid, perforated tray and spirit lamp ; size, 8 in. by 3½ in. by 2 in.	0	10	6

Sterilizer (Autoclave)—

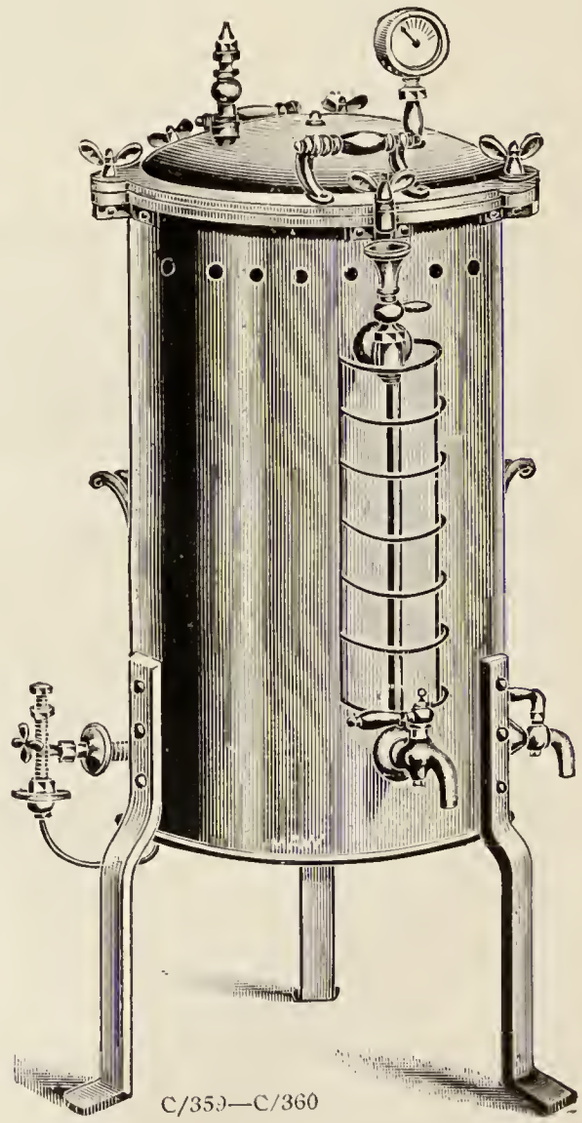
Worked by high-pressure steam and fitted with Maw's special "control" mechanism for automatically cutting down the gas flame when the steam pressure has risen to the desired height, and Maw's registered bottom plate, which enables the full pressure of 5 lbs. to be obtained in 17 minutes. It is constructed of enamelled iron with copper interior and brass fittings, and is furnished with one nickel-plated copper drum.

No.		£	s.	d.
C/359	No. 2. 19 in. × 10 in.	12	16	0
C/360	No. 3. 19 in. × 12 in.	18	5	0
	Spare Drums—			
	Shallow Series (four to each cylinder)—			
C/361	No. 2 .. each	0	14	6
C/362	No. 3 .. ,,	0	19	0
	Deep Series (two to each cylinder)—			
C/363	No. 2 .. each	0	18	0
C/364	No. 3 .. ,,	1	2	0

The new automatic control can be adapted for use with a strong petroleum burner at an additional cost of **45/-**, including the burner.

Working Instructions sent out with each apparatus.

Reg. No. 585,039.



C/359—C/360

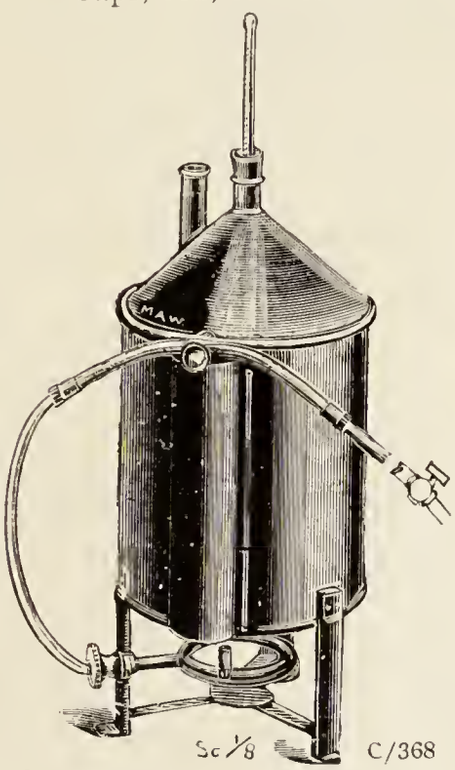
Bacteriological Apparatus and Microscope Sundries—Contd.—

C/365

C/366

C/367

No.	**Teats and Caps, India-rubber—**		£	s.	d.
C/365	Teats, best red rubber, for opsonic indices ..	per doz.	0	1	0
C/366	Caps, black, for Wright's vaccine bottles	,,	0	2	4
C/367	Caps, red, for test tubes	,,	0	0	9

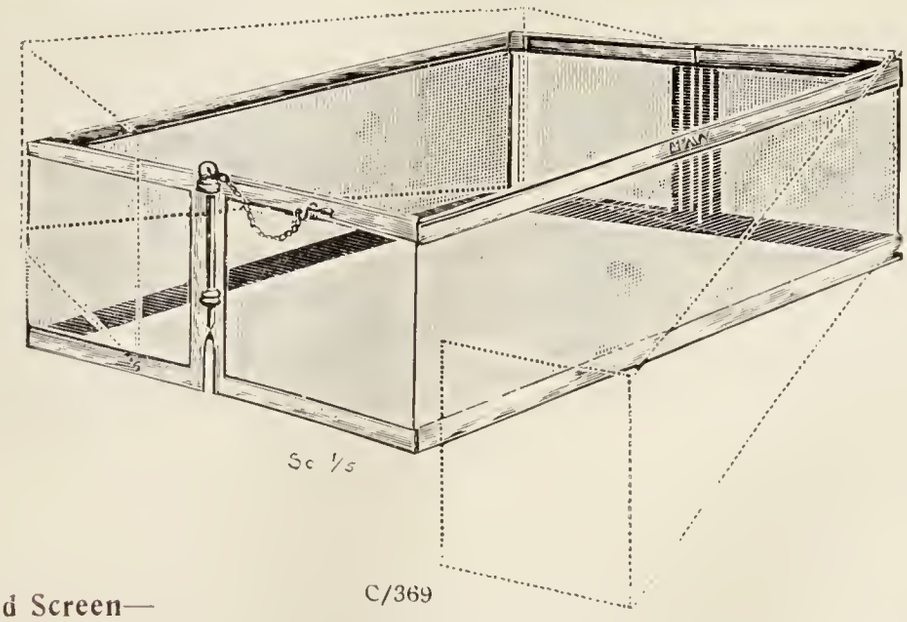


C/368

C/370

Vaccine Steriliser—

C/368 Polished copper, complete with burner, gas regulator, tubing and thermometer **4 0 0**



C/369

Wind Screen—

C/369 For use with Freeman's Incubator, as suggested by Col. Bannerman, I.M.S. **0 10 6**

C/370 **Wood Blocks** or Cylinders for sending specimens by post—
per doz., $4\frac{1}{2} \times \frac{3}{4}$ in., **10d.** ; $4\frac{1}{2} \times 1\frac{1}{8}$ in. **0 1 0**

OSTEOLOGY, Etc.

No.		£	s.	d.
03375	**Foot,** complete with bones strung on catgut	0	8	6
03376	**Hand,** complete, with bones strung on catgut	0	8	6
03377	**Mannikin,** for obstetric demonstrations, with natural skull	1	17	6
03378	**Mannikin and Pelvis**	7	15	0
03379	**Pelvis,** female, with natural ligaments	1	11	6
03380	Do. do., without ligaments	0	17	6
03381	**Skeleton,** complete, articulated, with movable joints, best quality, from	6	6	0
03382	Do. do. do., fixed joints and natural ligaments on one side, and movable joints on the other, supported on stand for demonstration purposes	18	18	0
03383	Do. complete, disarticulated in box	5	5	0
03384	Do. half set, consisting of arm, hand, leg, foot, clavicle, ribs of one side, os inominatum, sacrum, scapula, skull, sternum and spine, in box	2	17	6
03385	Do. half set, superior quality, with bones of hand, foot and spine strung on catgut, in box..	3	5	0
03386	**Skull,** articulated, cut horizontally	1	10	0
03387	Do. do., cut vertically..	1	16	0
03388	Do. disarticulated, finest specimens procurable	3	0	0
03389	Do. fœtal, for use with pelvis, for obstetric demonstrations ..	0	11	6

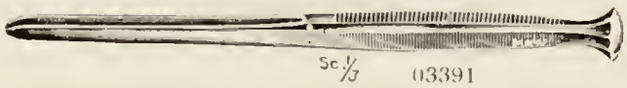
BIOLOGICAL INSTRUMENTS.

See Microscopic Instruments, page 402.

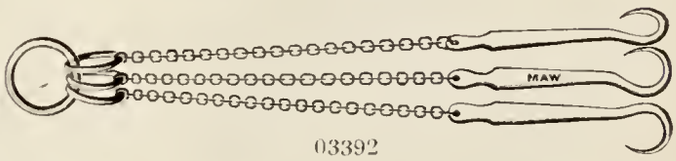
DISSECTING INSTRUMENTS.

03390

03390	**Blow Pipe,** nickel-plated, straight or curved	0	0	9

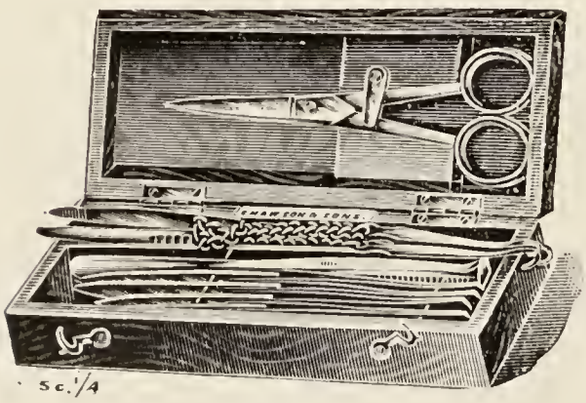


Sc. 1/3 03391



03392

03391	**Bone Gouge,** as used at St. Bartholomew's Hospital	0	4	0
03392	**Chain Hooks,** set of 3, with ring.. .. .. .. per set	0	1	3



Sc. 1/4

03393

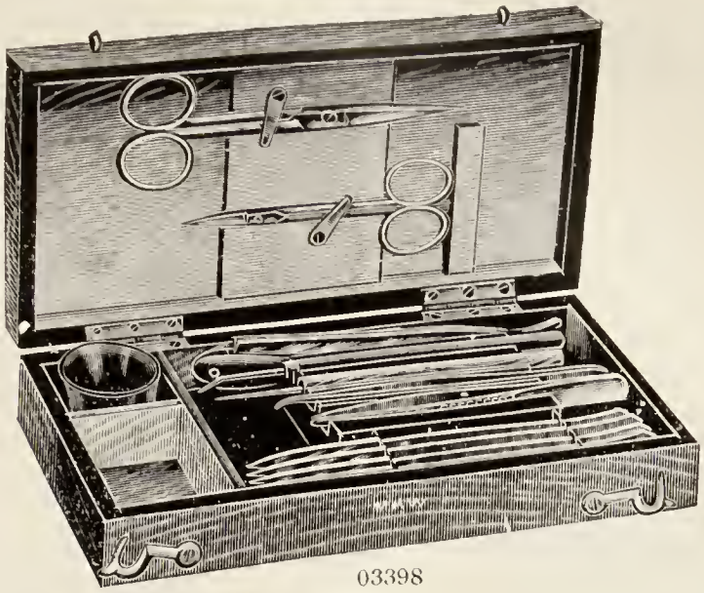
Sc. 1/4

03394

Dissecting Cases, mahogany—

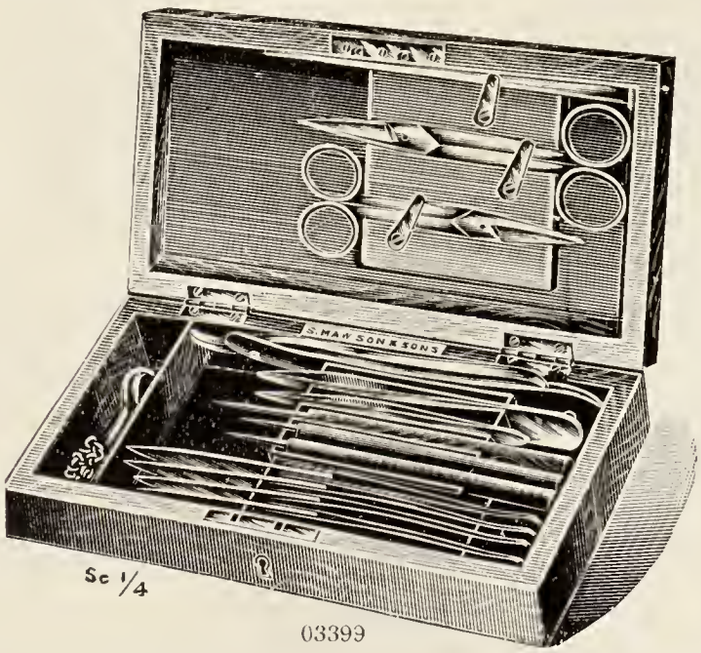
03393	St. Bartholomew's Hospital set, consisting of chain hooks, dissecting forceps (6 in.), bone gouge, 4 scalpels, and scissors (6 in.)	0	18	0
03394	Cambridge set, consisting of blow-pipe, chain hooks, dissecting forceps, fine-pointed forceps, microscope forceps, 3 scalpels, seeker, and 2 pairs scissors	0	17	6
03395	Cambridge Junior set, consisting of dissecting forceps, 2 scalpels, scissors and seeker	0	6	0

Dissecting Instruments—Contd.—



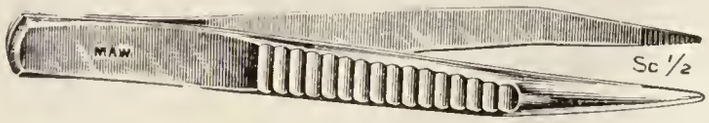
03398

No.	Dissecting Cases, mahogany—Contd.—	£	s.	d.
03396	Guy's set consisting of dissecting forceps, lens, needle, section razor, seeker, 4 scalpels, 2 pairs of scissors and fine forceps ..	0	15	0
03397	King's College set consisting of blow-pipe, chain hooks, dissecting forceps, 3 scalpels, and scissors..	0	10	0
03398	London Hospital set consisting of chain hooks, dissecting forceps, fine-pointed forceps, 2 mounted needles, 4 scalpels, seeker, section razor, and 2 pairs of scissors	1	1	0

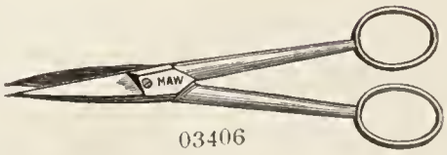


03399

03399	Middlesex Hospital set consisting of blow-pipe, chain hooks, dissecting forceps, fine-pointed forceps, 3 mounted needles, razor. 4 scalpels, and 2 pairs scissors	1	2	6
03400	Royal College of Science set consisting of blow-pipe, chain hooks, dissecting forceps, fine-pointed forceps, 2 mounted needles, 4 scalpels, section lifter, section razor, and 2 pairs scissors ..	1	1	0



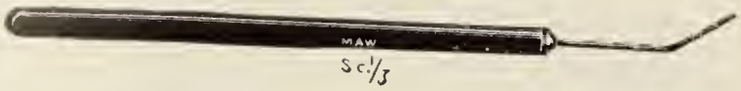
03401



03406

03401	**Dissecting Forceps,** 2 sizes .. .. 5 in., 2/3 ; 6 in.	0	2	6
03402	Do. do., " B " quality, 5 in.	0	1	0
03403	**Needles,** mounted, in cedar handles .. .. .. per doz.	0	1	0
03404	**Scalpels,** metal handles, best quality, London make .. .. each	0	2	0
03405	Do. metal handles, Sheffield make .. .. ,,	0	1	6
03406	**Scissors,** sharp pointed, open shanks, 2 sizes .. each, 5 in. 2/- ; 6 in.	0	2	6
03407	Do. do., " B " quality, 5 in.	0	0	8

Dissecting Instruments—Contd.—



03408

No.			£	s.	d.
03408	**Seekers,** in ebony handle, with brass mounts	per doz.	0	3	6
03409	Do. all metal, nickel-plated	,,	0	7	0

POST MORTEM INSTRUMENTS, Etc.

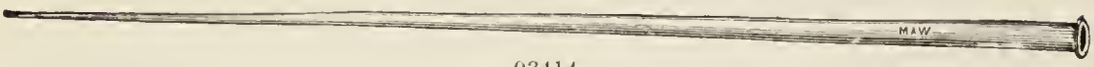
03410

03412

Aprons, Coats, etc.—

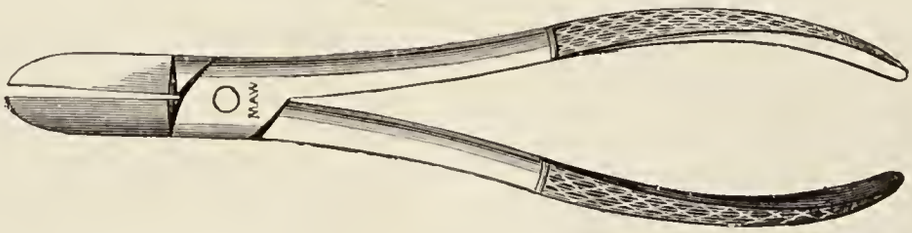
03410	Apron, with bib, linen		0	3	0
03411	Do. do., brown waterproof, with chain fastening ..		0	9	6
03412	Coat, white drill		0	7	6
03413	Sleeves, white, mackintosh	per pair	0	4	6

DIRECTIONS FOR MEASUREMENT.—Circumference of chest and pelvis; length from centre of collar to bend of knee, and from shoulder to bend of elbow.



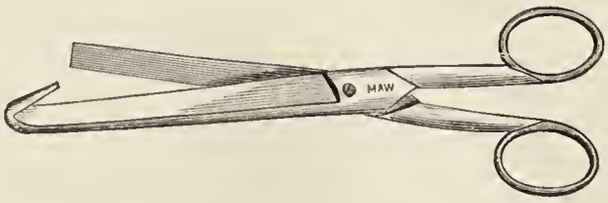
03414

03414 **Blow Pipe** 0 0 9



03415

03415 **Bone Cutting Forceps,** 9 in. 0 7 6



03416

03416 **Bowel Scissors,** 2 sizes .. .. 7 in., 7/-; 8 in. 0 7 6

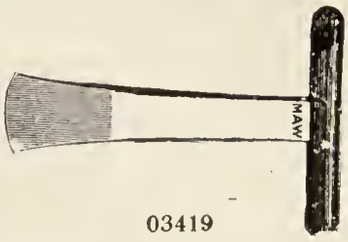
Post Mortem Instruments, etc.—Contd.—

03417

No.		£	s.	d.
03417	**Brain Knife,** with ebony handle 6 in. blade, **4/6**; 7 in., **6/-**; 10 in.	0	7	6

If with metal handle, each **3/-** *extra.*

03418



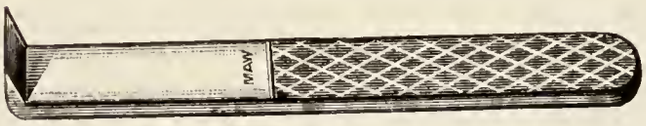
03419

03418	**Cartilage Knife,** with ebony handle, 2 sizes $3\frac{1}{4}$ in. blade, **3/9**; $3\frac{3}{4}$ in.	0	4	0

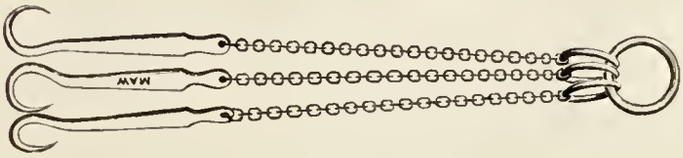
If with metal handle, each **2/-** *extra.*

Chisels—

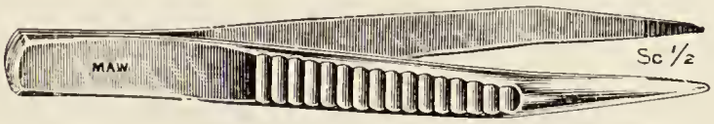
03419	With cross handle, all steel	0	3	6



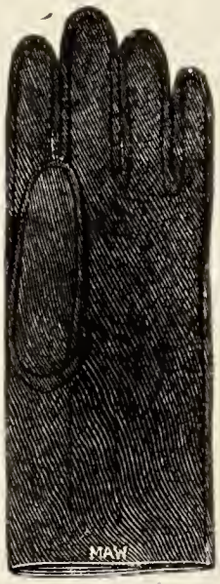
03420



03421



03422



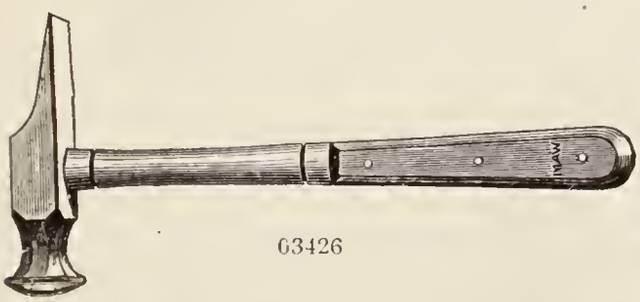
03425

03420	With rectangular blade, all steel	0	3	6
03421	**Chain Hooks,** set of 3	0	1	3
03422	**Dissecting Forceps,** 2 sizes.. .. .. each, 5 in., 2/3; 6 in.	0	2	6

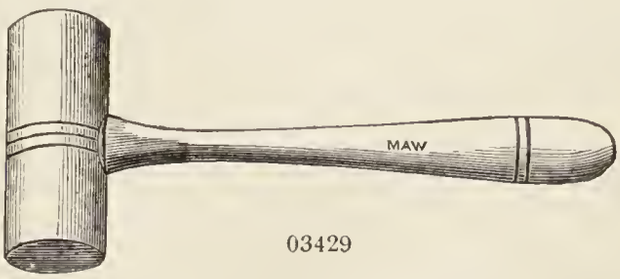
Gloves, India-rubber—

03423	Long, stout do., white or black, sizes 6-9 .. per pair	0	2	3
03424	Do. do. do., black, with gauntlets, sizes 6-9 ,,	0	10	6
03425	Black, with cloth lining, 4 sizes .. .. .. ,,	0	8	6

(*For other illustrations of Gloves, see page* 68.)



03426

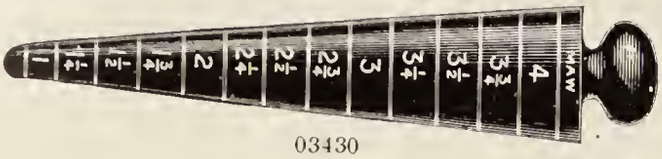


03429

Hammers, Mallets, etc. (see also page 19)—

03426	With ebony handle and large face	0	7	6
03427	With metal handle	0	6	0
03428	Large size, combined with hatchet	0	10	0
03429	Mallet, boxwood .. .. $\frac{1}{2}$ lb., 2/-; 1 lb.	0	3	0

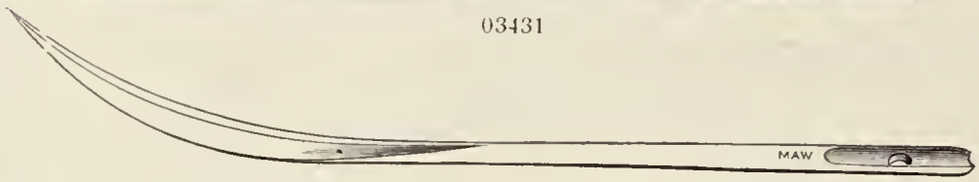
Post Mortem Instruments, etc.—Contd.—



03430

No.		£	s.	d.
03430	**Heart Cone,** vulcanite, graduated, for measuring the size of the orifices	0	9	0

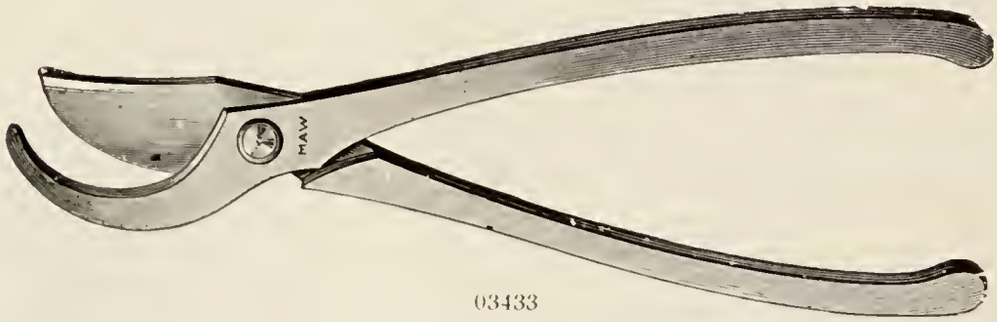
03431



03432

Needles, in packets containing 6 assorted sizes—

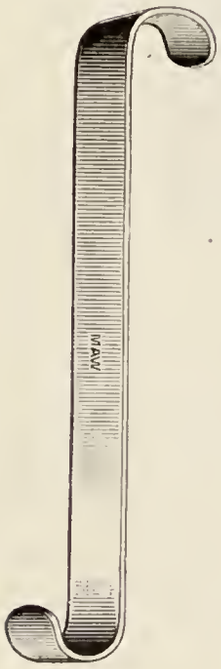
03431	Straight.. .. .. per doz.	0	3	0
03432	Curved or half-curved .. .. ,,	0	3	0



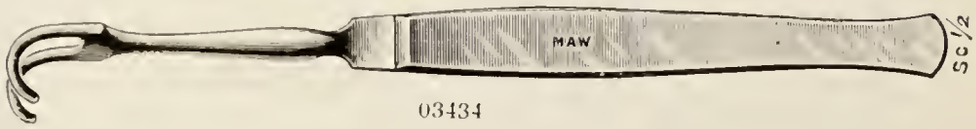
03433

03433	**Rib Shears**	0	9	6

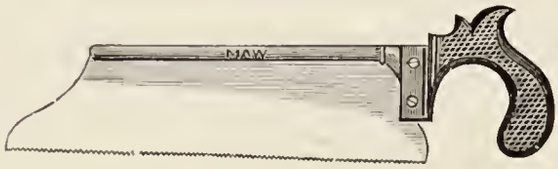
(*See also page 43.*)



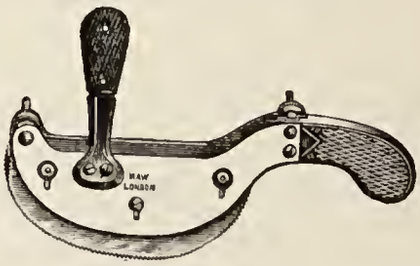
03435



03434



03436



03438

03439

Retractors—

03434	Double hook, with metal handle	0	2	0
03435	Double ended, copper, nickel-plated, 6 sizes, each, ½ in. to 1¼ in., 1/9; 1½ to 1¾ in.	0	2	3

Saws—

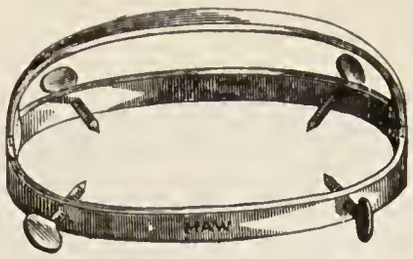
03436	Ordinary pattern, with ebony handle, 11/6; metal	0	14	0
03437	Do. do., with rounded head, ebony handle, 14/-; metal	0	15	6
03438	Spine saw, double bladed	1	1	0

Scalpels—

03439	Ebony handle, best polished blade	0	1	3
03440	Steel handle, solid forged	0	1	6

Post Mortem Instruments, etc.
—Contd.—

03441

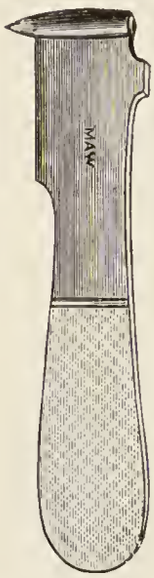


03445

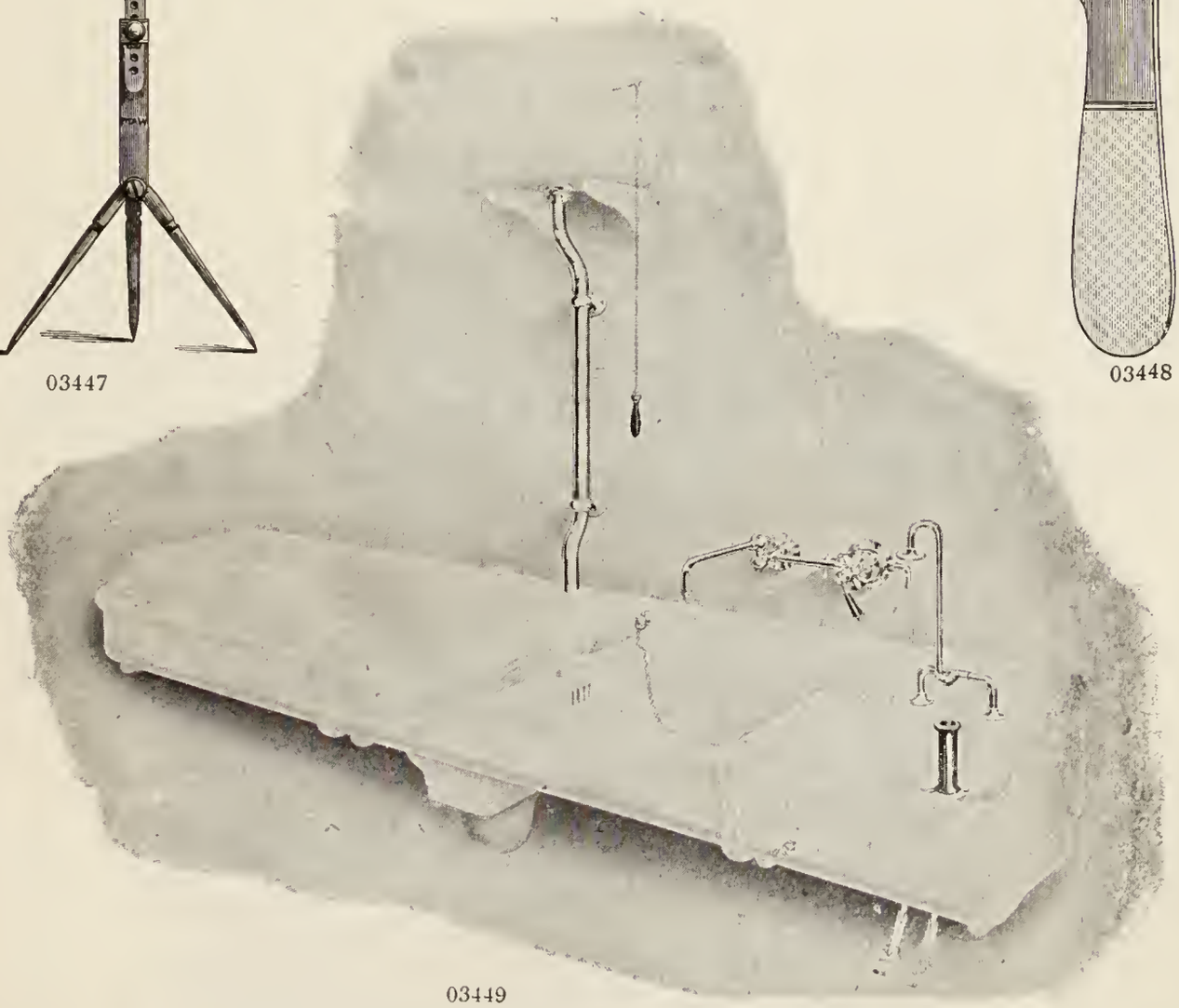
03442

No.	Scissors—	£	s.	d.
03441	Fine pointed, 2 sizes .. .. 5 in., 2/- ; 6 in.	0	2	6
03442	Stout pointed, 2 sizes.. .. .. .. 6 in., 3/- ; 7 in.	0	4	0
03443	Ball pointed, 7 in.	0	5	6
03444	Do. fine, for arteries, etc., 6 in.	0	4	0
03445	**Skull Coronet,** nickel-plated	1	2	6
	Skull Rests—			
03446	Double, folding	0	4	0
03447	Tripod, adjustable, nickel-plated	0	15	0
03448	**Spine Wrench**	0	4	6

03447



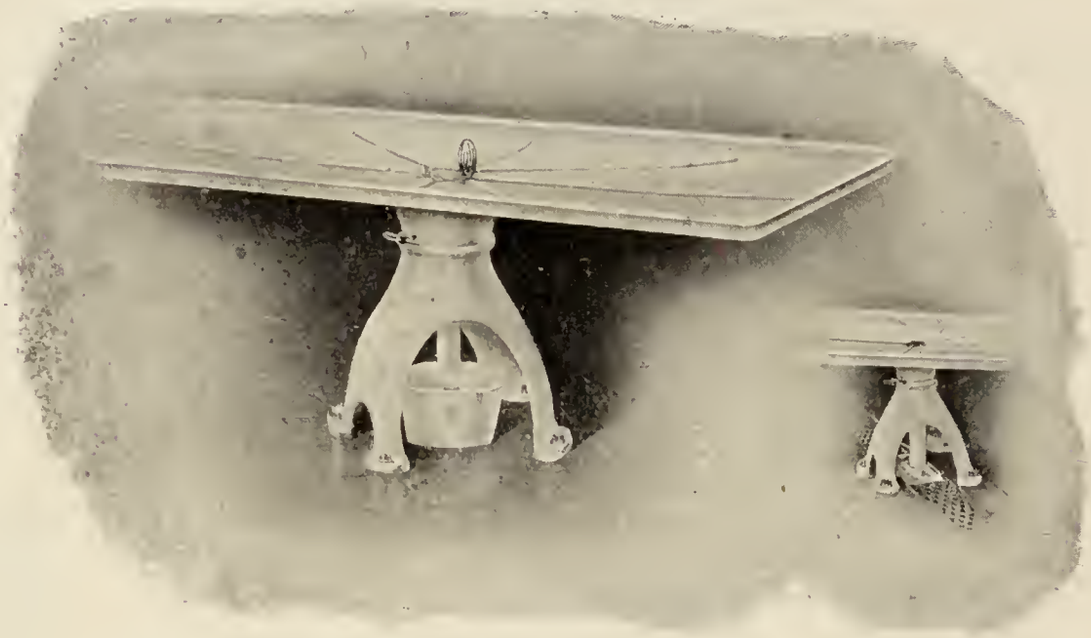
03448



03449

03449 **Mortuary Sink, Lavatory and Drainer,** combined, of white glazed fire-clay, length 10 ft. The lavatory is fitted with treadle valves for hot and cold water spray, and vulcanite removable standing waste and overflow ; the wash-up sink is fitted with combined hot and cold lever valve, and the slop sink is flushed by a 3-gallon white vitreous enamelled cast-iron cistern, with painted iron brackets, and brass chain pull. The sink is supported on painted cast-iron cantilevers .. **40 0 0**

Post Mortem Instruments, etc.—Contd.—



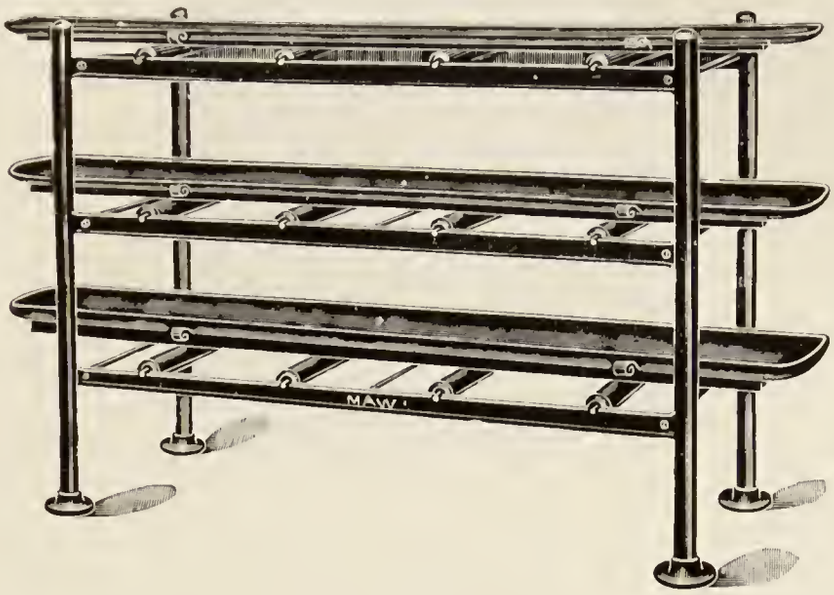
03450

No.	**Post Mortem Tables—Contd.—**	£	s.	d.
03450	White Vitreous Enamelled Cast-iron Table, 80 in. by 31 in., fixed on cast-iron pedestal, with ball bearings and screw brake, and with vitreous enamelled waste pipe	**18**	**10**	**6**
	The pipe can be carried to ground to discharge into a channel or gully, or be shortened to empty into a receptacle as shown.			
03451	White Glazed Fire-clay Table, 72 in. by 24 in., with side drainage channels, revolving on cast-iron pedestal, with ball bearings and screw brake, copper waste pipe and clip, and hinged grating	**24**	**10**	**0**

03452

03452	Strong White Glazed Fire-clay Dished Top, 72 in. by 24 in., fitted on two white glazed fire-clay pedestals	**19**	**17**	**6**

Post Mortem Instruments, etc.—Contd.—



03453

No.		£	s.	d.
03453	**Mortuary Rack,** iron, with three tiers and trays, on ball-bearing rollers	26	5	0

SETS OF POST MORTEM INSTRUMENTS.

03454

03456

03455

03454 **Set,** for General Practitioners, consisting of—

Blow Pipe 1	Chisel 1	fitting one handle	Scissors, 5½ in. 1
Dissecting Forceps, 5 in. 1	Cartilage Knives 2		Scalpels 3
	Saw 1		

In mahogany case, measuring 9½ ins. by 3 ins. by 1½ in., with lock and key **1 17 6**

03455 **Set,** consisting of—

Blow Pipe 1	Cartilage Knives 2	fitting one handle	Scalpels 2
Chain Hooks .. set 1	Chisel 1		Scissors, 5½ in. 1
Dissecting Forceps, 6 in 1	Saw 1		Skull Rest 1
Hammer, all steel .. 1			Needles 6

In polished oak case, measuring 9½ in. by 5½ in. by 1½ in., with lock and key **2 12 6**

03456 **Set,** consisting of—

Blow Pipe 1	Brain Knife .. 1	fitting one handle	Hammer, all steel .. 1
Bone Forceps, 9 in. .. 1	Cartilage Knives 2		Needles 6
Bowel Scissors, 8 in. .. 1	Chisel 1		Scalpels 6
Chain Hooks .. set 1	Saw 1		Scissors, 6 in. 1
			Skull Rest, Tripod 1

In polished oak case, measuring 12 in. by 6½ in. by 2 in., with lock and key **5 5 0**

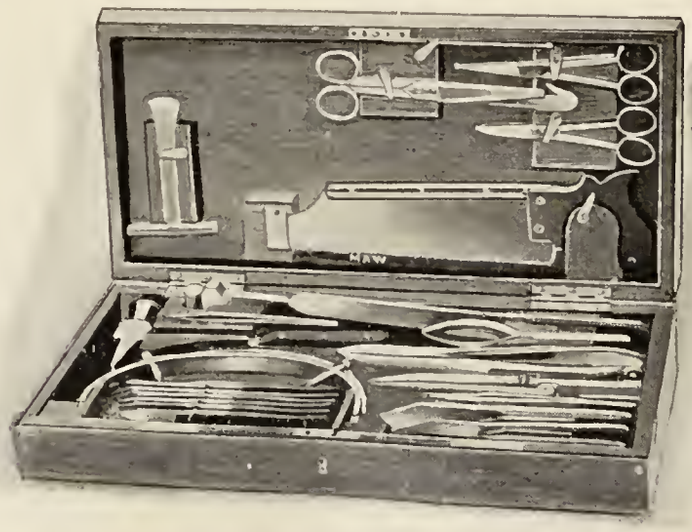
Sets of Post Mortem Instruments—Contd.—

03457

No.	Set, consisting of—			£ s. d.
	Blow Pipe 1	Chain Hooks .. .. set 1	Saw 1	
	Bone Forceps, 9 in. .. 1	Chisel, with cross handle 1	Scalpels 6	
	Brain Knife, 7 in. .. 1	Dissecting Forceps .. 1	Scissors, 5½ in. 1	
	Cartilage Knives.. .. 2	Mallet, boxwood, ½ lb... 1	Wrench 1	
03457	In polished oak case, 13 in. by 8 in. by 2½ in., with lock and key			4 7 6

03458

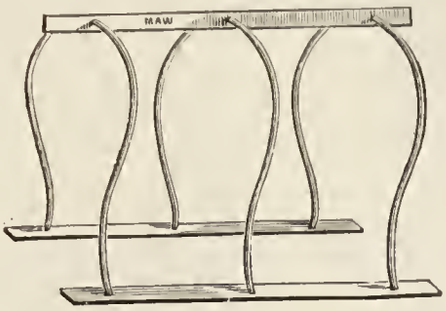
	Set, consisting of—			
	Blow Pipe, 12 in. .. 1	Chisel, with cross handle 1	Needles 6	
	Bone Forceps, 8 in. .. 1	Double Hook 1	Saws, with round end 2	
	Bowel Scissors, 7 in. .. 1	Dissecting Forceps, 6 in. 3	Scalpels 6	
	Brain Knife, 7 in. .. 1	Elevator 1	Scissors, 6 in. 2	
	Cartilage Knives.. .. 3	Hammer, with large steel	Spatula, bone, 10 in. 1	
	Chain Hooks .. set 1	head 1	Tripod 1	
03458	In polished oak case, 17½ in. by 8 in. by 3 in., with lock and key			7 15 0



03459

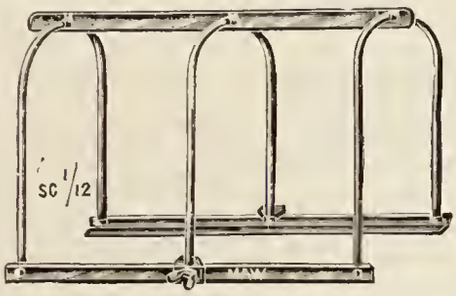
	Set, consisting of—			
	Blow Pipe 1	Chain Hooks .. .. set 1	Saw 1	
	Bone Forceps, 9 in. .. 1	Chisel, with cross handle 1	Scalpels 6	
	Bowel Scissors, 8 in. .. 1	Dissecting Forceps, 6 in. 2	Scissors, sharp, 6 in... 1	
	Ball-pointed Scissors.. 1	Gouge 1	Skull Coronet 1	
	Brain Knife, 7 in. .. 1	Hammer, large 1	Skull Rest 1	
	Cartilage Knives.. .. 3	Needles 6	Wrench 1	
03459	In polished oak case, 18 in. by 8½ in. by 3 in., with lock and key			8 0 0

DISLOCATION AND FRACTURE APPLIANCES.

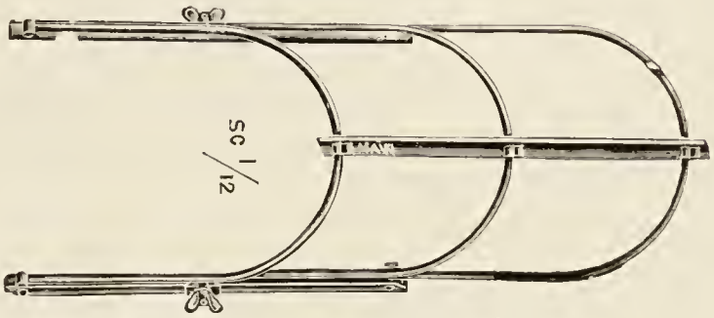


03464

No.	**Bed Cradles,** for protecting limb from pressure of bed clothes—	£	s.	d.
03460	Aluminium, each, 24 in. by 16 in., **9/-**; 20 in. by 14 in., **6/3**; and 16 in. by 12 in.	0	5	6
03461	Wicker, in two parts .. .. per pair	0	10	0
03462	Wire and wood, 24 by 16 in., 20 by 14 in. and 16 by 12 in... each	0	4	9
03463	Do. do., extra wide, for body, 24 in. by 21 in. .. ,,	0	6	0
03464	Wrought iron, enamelled white, 24 in. by 16 in., 20 in. by 14 in., and 16 in. by 12 in. .. .. each	0	5	0
03465	Do. do., extra wide, for body, 24 in. by 21 in. .. ,,	0	7	6

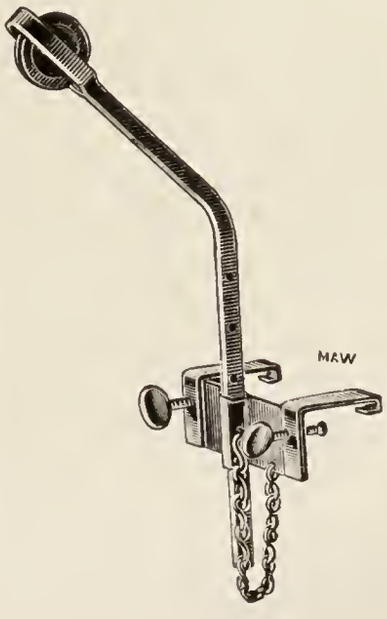


03466



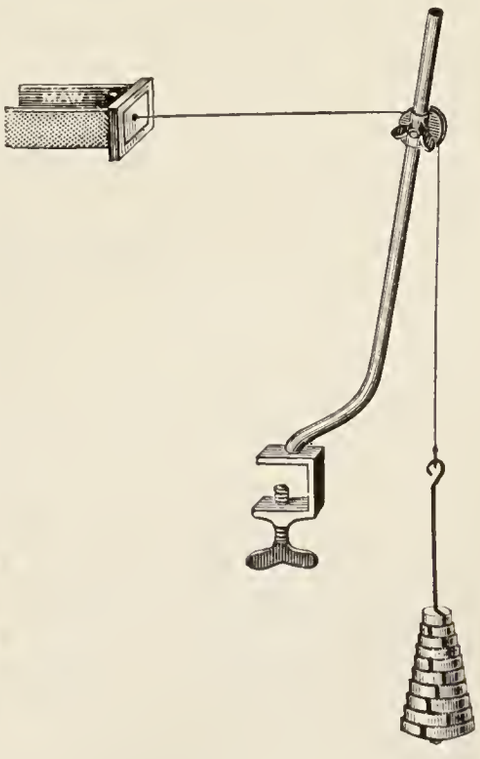
03466	Folding model, tinned iron, convenient for storage, 24 in. by 16 in., 20 in. by 14 in. and 16 in. by 12 in. .. .. .. each	0	6	0

03467



03468

03469



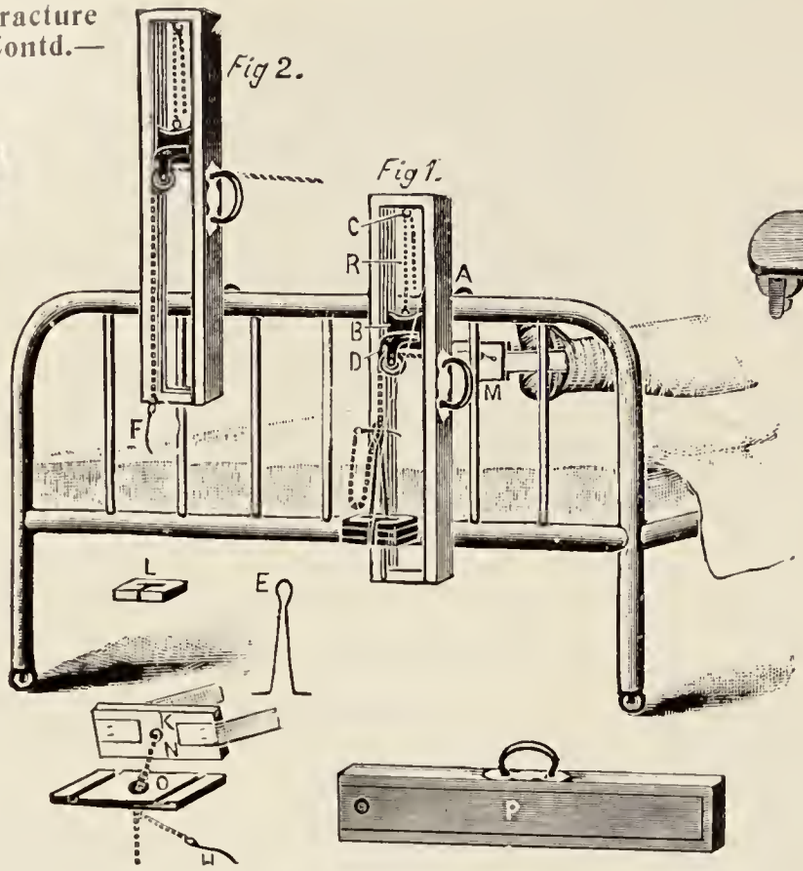
03470

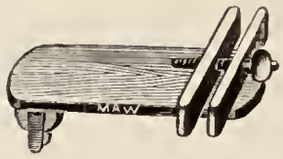
Extension Apparatus—

03467	St. Bartholomew's Hospital pattern, consisting of wood upright with roller, tin canister, and clamp for fixing to bed ..	0	13	6
03468	Johnson Smith's, white enamelled, with clamp and fixing screws	0	16	6
03469	Maw's adaptable, white enamelled	0	8	0
03470	Middlesex Hospital pattern, with stirrup and weights complete	1	1	0
03471	Shot canister, graduated, to hold 14 lbs. of shot..	0	2	6
03472	Shot .. ..per lb.	0	0	4

Dislocation and Fracture Appliances—Contd.—

03474





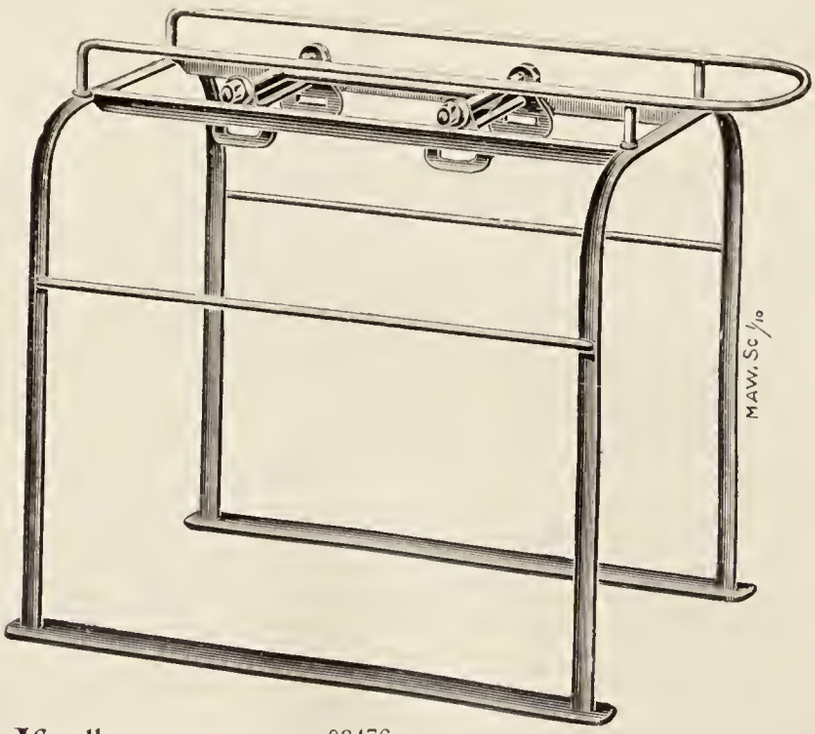
03475

03473

No.		£	s.	d.
	Extension Apparatus—Contd.—			
03473	"The Gorham" patent, complete, with pulleys, cords and weights (10 lbs.)	1	1	0

The above apparatus is packed in a small box, measuring only 32 in. by 2 in. by 5 in., which forms not the least important part of the apparatus when in use, as will be seen from the above illustration.

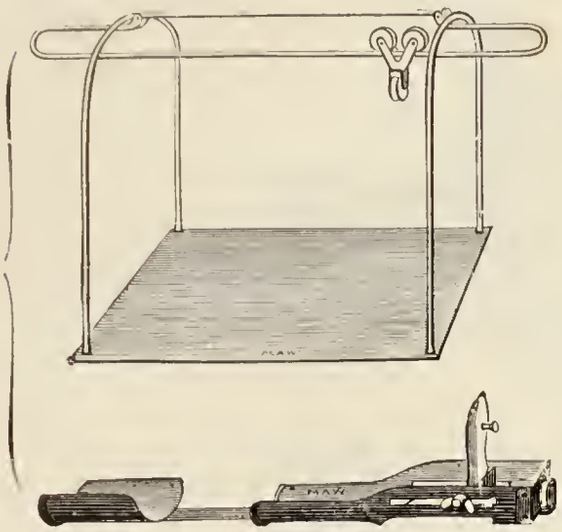
	Extension Apparatus, for use on Children's Cots—			
03474	Self-holding	0	5	6
03475	To fix with screw	0	6	6



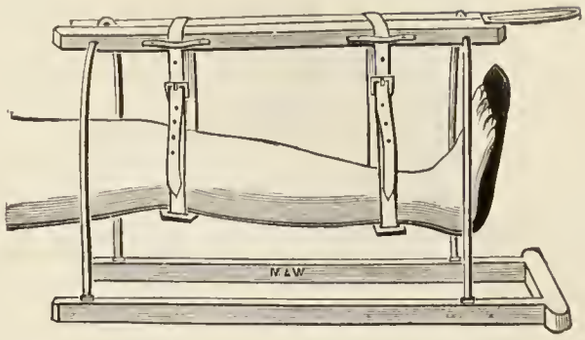
03476

	Fracture Cradles—			
03476	Bloxam's, with rollers, etc., white enamelled	1	7	0
03477	Do. do., with Neville's splint and straps complete	1	16	0

Dislocation and Fracture Appliances—Contd.—

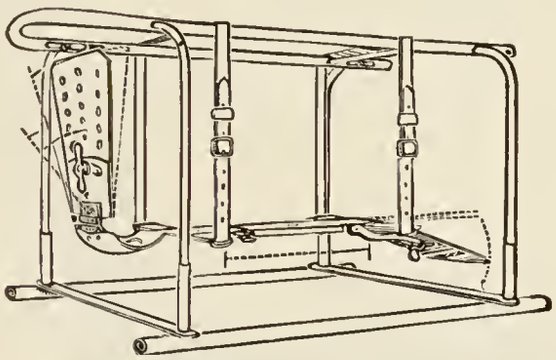


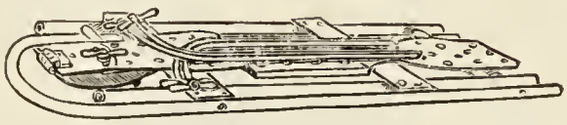
03478



03480

No.	**Fracture Cradles—Contd.—**	£	s	d.
03478	Howse's, complete with splint, for excision of knee	2	3	0
03479	Do. without splint	1	5	0
03480	Lawrence's, for suspension, with Neville's splint, straps and side splints complete	1	1	6
03481	Do. without splint and straps	0	11	0
03482	Do. improved pattern, made to fold up when not in use	0	15	0

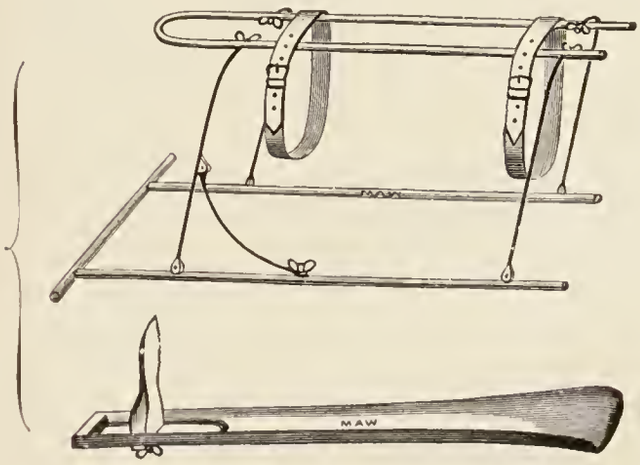




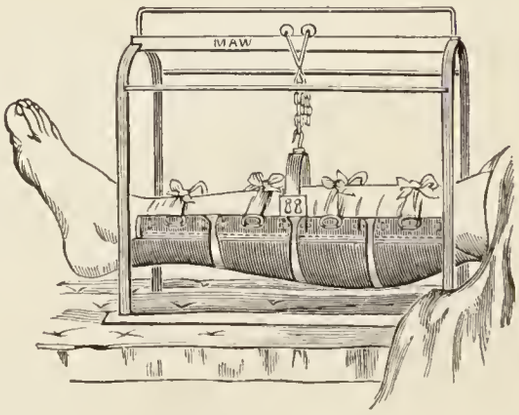
03483

03483	Lawrence's "Compactum," with Hayward's back leg splint, complete with straps and side splints	1	17	6
03484	Do. do. do., in strong wood box	2	2	6

This cradle when folded measures 28 × 7 × 1½ *in. and weighs* 6 *lbs.* 2 *oz.*



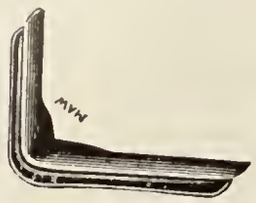
03485



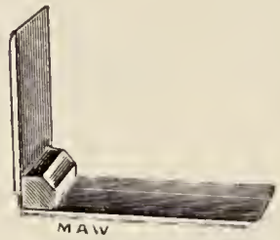
03487

03485	Paget's, white japanned, with splint and straps complete ..	1	12	6
03486	Do. do., without splint and straps	1	2	0
03487	Salter's, portable, to take to pieces, white enamelled, with sling	1	10	0
03488	Do. do., without sling	1	1	0
03489	Do. do., complete with splints, in box	2	18	6
03490	Fracture Box, Army Regulation, with aluminium splinting, 1906 pattern	11	5	0

Dislocation and Fracture Appliances—Contd.—

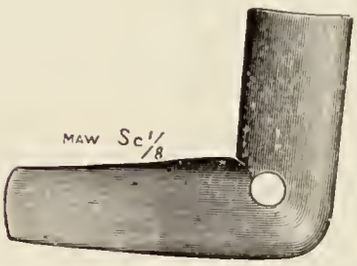


03491

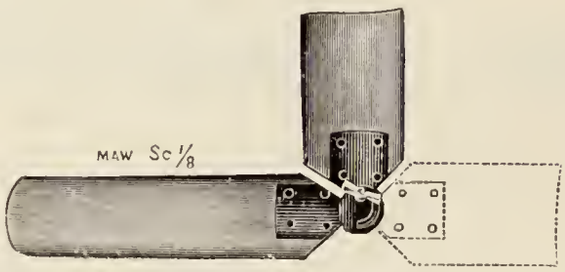


03493

No.	**Arm Splints,** angular, wood—	£	s.	d.
03491	Anterior, concave on under surface.. .. .. per set of 3	0	5	0
03492	Do. do. do., padded .. ,, ,, 3	0	7	6
03493	Do. flat on under surface .. .. .. ,, ,, 3	0	2	0
03494	Do. do. do., padded.. .. ,, ,, 3	0	4	6

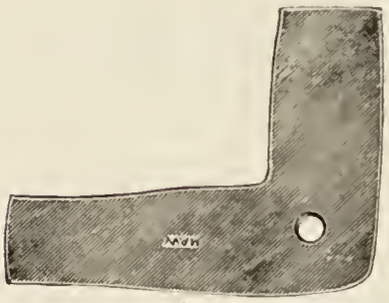


03495

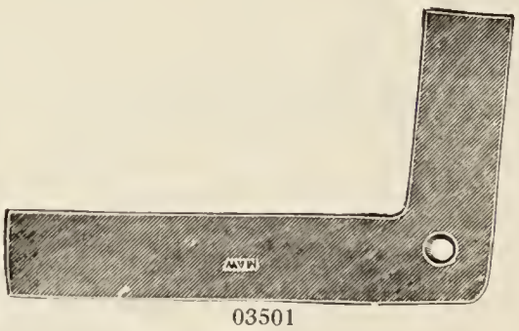


03497

03495	Lateral, concave on inner surface, in sets of 6, *i.e.*, 3 sizes for right arm and 3 for left arm .. ..per set	0	10	0
03496	Do. do., padded .. .. ,,	0	15	6
03497	Do. do., with semi-circular joint and fixing screw to fix at any angle, suitable for either arm .. .. per set of 3	0	12	0
03498	Do. do., padded .. .. ,, ,, 3	0	15	0

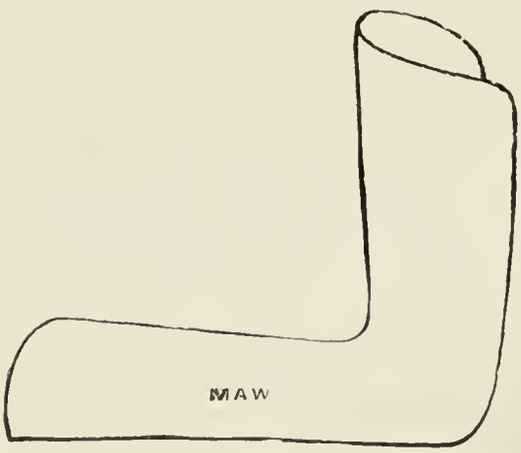


03499

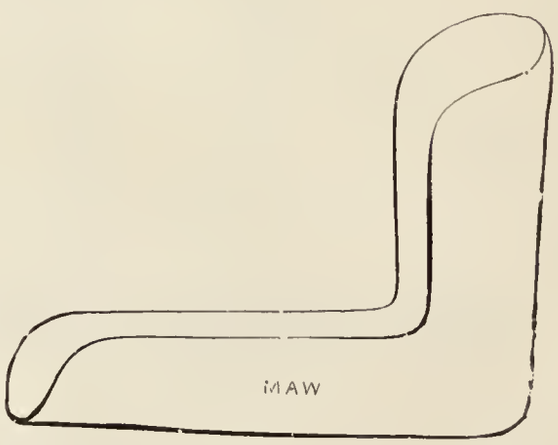


03501

03499	Lateral, flat, with hole at elbow for condyle of humerus per set of 3	0	2	0
03500	Do. do. do., padded .. .. ,, ,, 3	0	7	0
03501	Do. do. extra long for wrist and hand .. ,, ,, 3	0	2	0
03502	Do. do. do., padded .. .. ,, ,, 3	0	7	0



03503

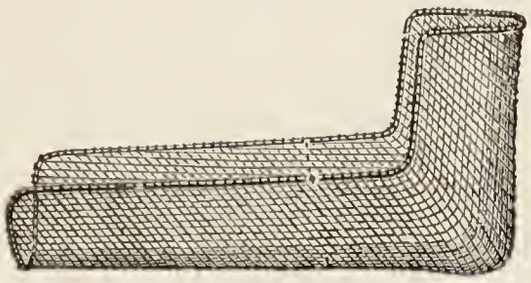


03505

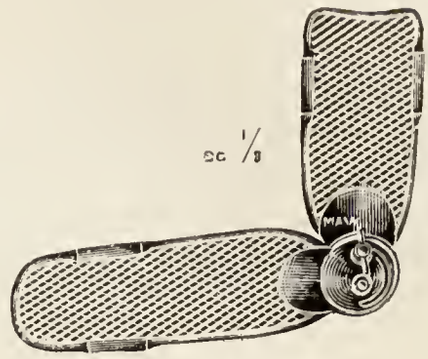
Arm Splints, angular, poro-plastic felt—

03503	Anterior, large, medium or small .. .. each	0	2	6
03504	Lateral, large, medium or small .. .. ,,	0	2	3
03505	Posterior, large, medium or small .. .. ,,	0	2	6

Dislocation and Fracture Appliances—Contd.—

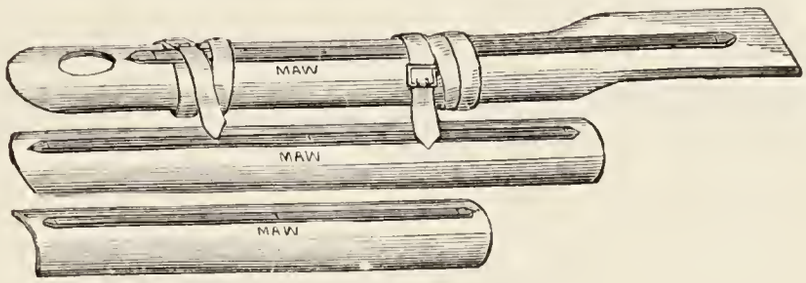


03506



03507

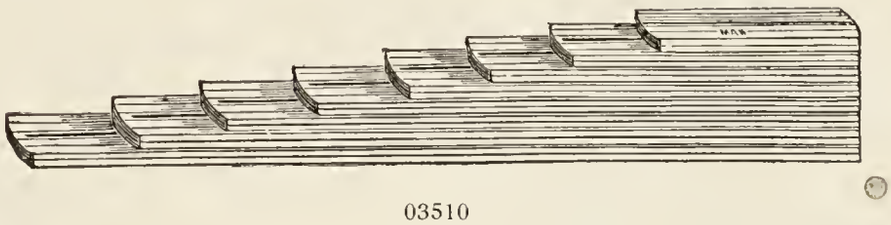
No.		£	s.	d.
03506	**Arm Splint,** angular, wire gauze (Bonnett's)	0	5	6
03507	**Arm Splints,** angular, zinc, with semi circular joint and fixing screw, suitable for either arm .. .. .. per set of 3 pairs	1	1	0



03508

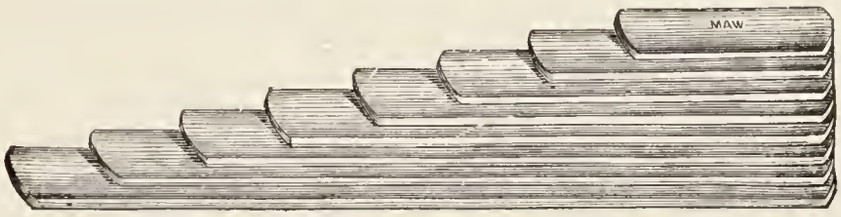
Arm Splints, straight—

03508	Cline's, wood, complete with straps, in sets of 3 sizes per set	0	5	0
03509	Do. do. do., padded .. .. ,,	0	7	6



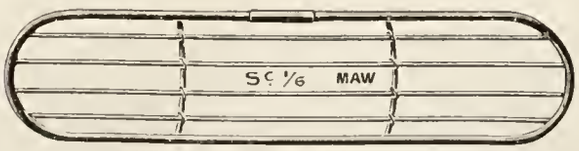
03510

03510	Gooch's, scored wood, lined with American cloth, in sets of 8 pairs per set	0	2	6
03511	Perforated zinc, hollowed, in sets of 6 pairs .. .. ,,	0	12	0
03512	Plain wood, flat, in sets of 8 pairs .. .. ,,	0	2	3



03513

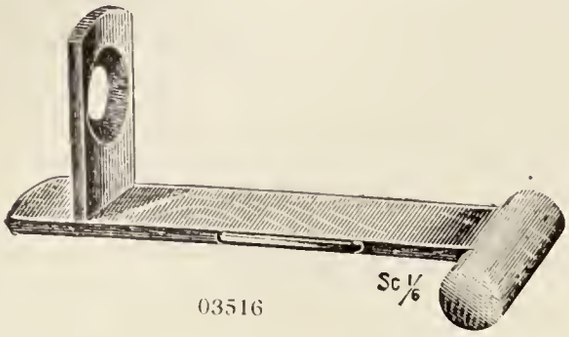
03513	Potts's, hollowed, in sets of 8 pairs.. .. .. ..per set	0	4	6



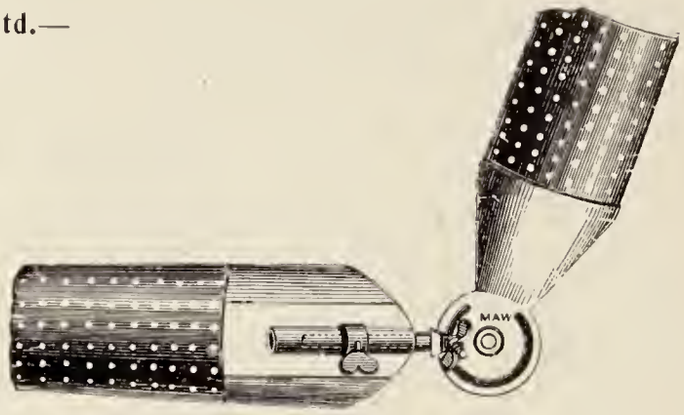
03514

03514	Wire, japanned, Army pattern, per pair, with 6 straps and buckles	0	4	6
	Clavicle Splints and Apparatus—			
03515	Ellis's, consisting of 3 pieces, viz., shoulder strap (1), axilla pad (2), and arm strap (3)	0	15	6

Dislocation and Fracture Appliances—Contd.—

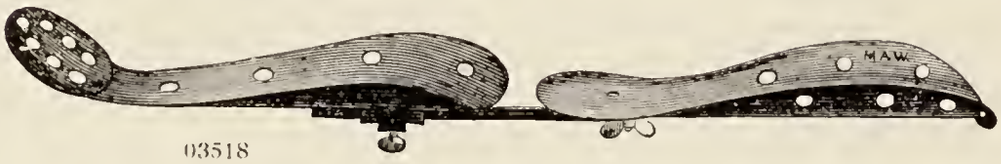


03516



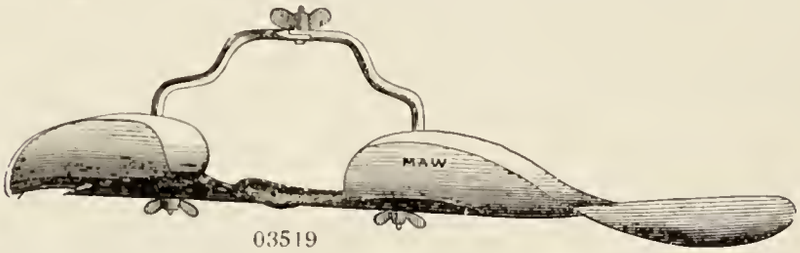
03517

No.		£	s.	d.
	Clavicle Splints—Contd.—			
03516	Mouat Biggs's, children's or adults', in sets of 3 .. ..per set	0	5	0
	Elbow Splints—			
03517	Mason's, for excision, with arrangement for lengthening and shortening and screw to fix at any angle	0	8	0



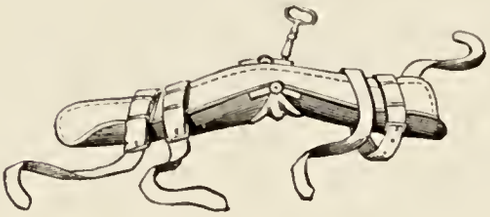
03518

03518	Mason's Internal Splint, for excision, fitted with hand plate, lengthening bar, and circular joint	0	9	6



03519

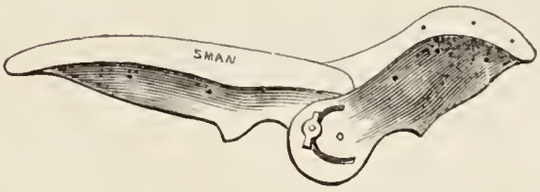
03519	Lateral, for excision, with anterior connecting bar	0	18	0



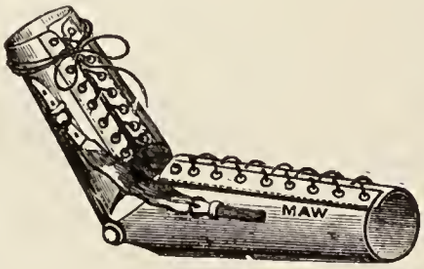
03520

03521

03520	Rack action, iron, for extension, with pads and straps	0	18	0
03521	Screw adjustment, wood, for extension	0	8	6



03522



03523

03522	Winchester's	0	7	6
03523	Moulded leather, for use after excision	1	10	0

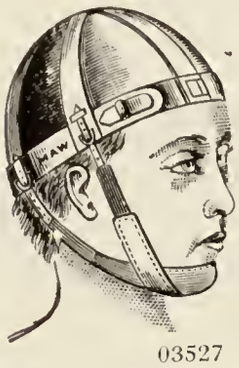
03525

03526

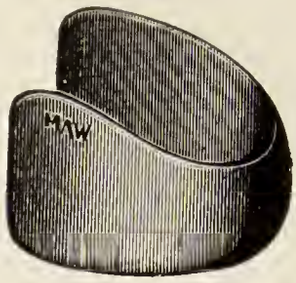
Finger Splints—

03524	Tin, with palm plate .. .. per doz.	0	3	0
03525	Wood, concave .. .. ,,	0	2	0
03526	Zinc, perforated .. .. ,,	0	6	0

Dislocation and Fracture Appliances—Contd.—

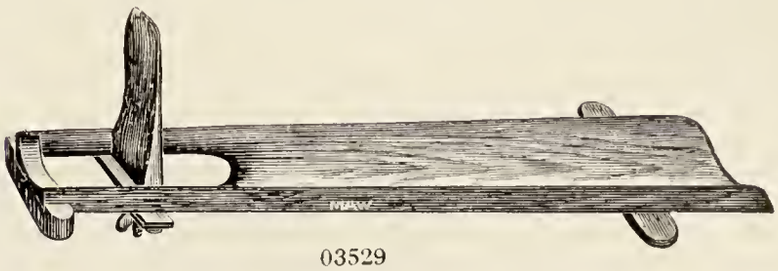


03527

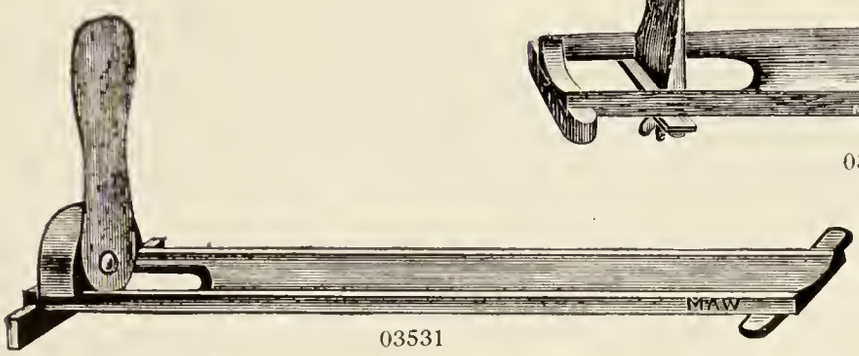


03528

No.	**Jaw Splints—**	£	s.	d.
03527	Leather, padded, with straps and buckles complete	0	16	0
03528	Poro-plastic felt, moulded	0	1	6



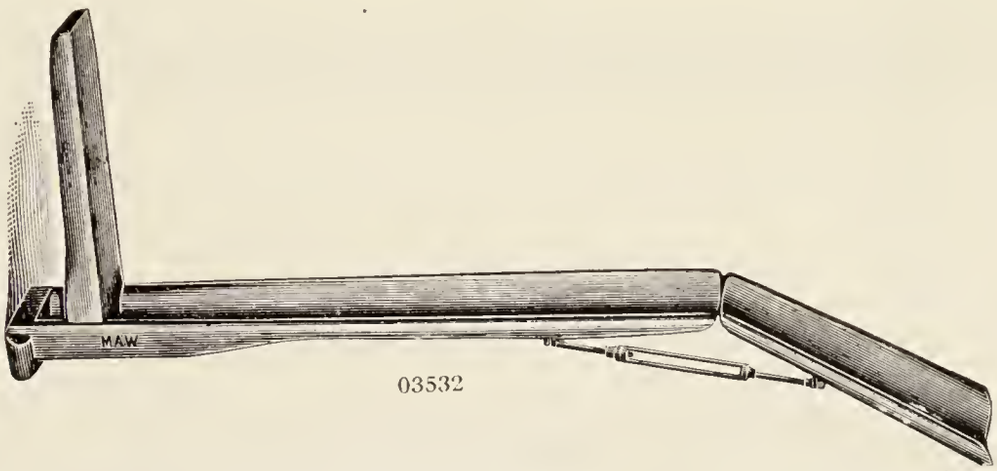
03529



03531

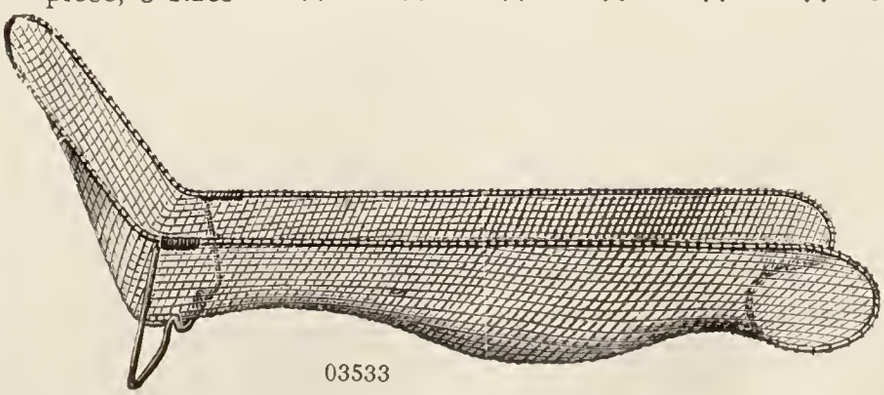
Leg and Thigh Splints—

03529	Back Leg Splint, with adjustable foot piece, 3 sizes ..	each	0	5	0
03530	Do. do., padded		0	6	6
03531	Back Leg and Thigh Splint, Morris's, with rotating foot piece, 3 sizes	each	0	9	0



03532

03532	Back Leg and Thigh Splint, hinged at knee, with adjustable foot piece, 3 sizes	each	0	10	6



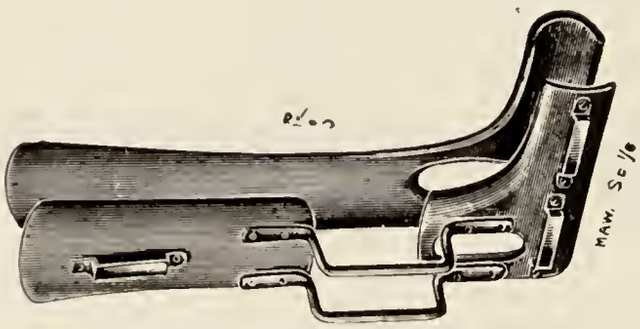
03533

03533	Bonnett's, wire gauze, for leg		0	9	0
03534	Do. do., for leg and thigh		0	11	0

Dislocation and Fracture Appliances—Contd.—

03535

No.	**Leg and Thigh Splints—Contd.—**	£	s.	d.
03535	Bryant's double, for fractured femur or hip joint disease from	2	5	0
03536	Do. do. do. do., padded .. ,,	2	7	6

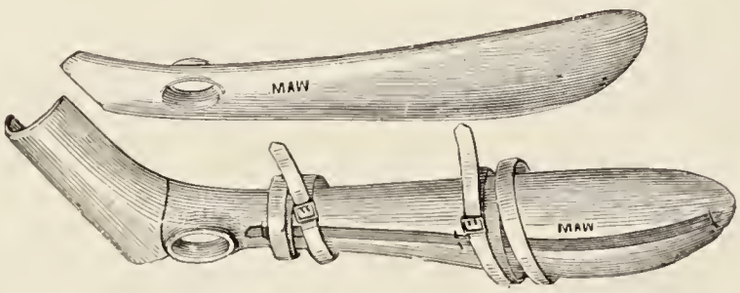


03537

03537	Bryant's, with interruption for compound fracture of Tibia, right or left, 3 sizes .. .. each	0	9	0
03538	Do. do., padded .. .. ,,	0	10	6

03539

03539	Campbell de Morgan's, for fracture of femur or hip joint disease	0	10	0
03540	Do. do., padded	0	12	0



03544

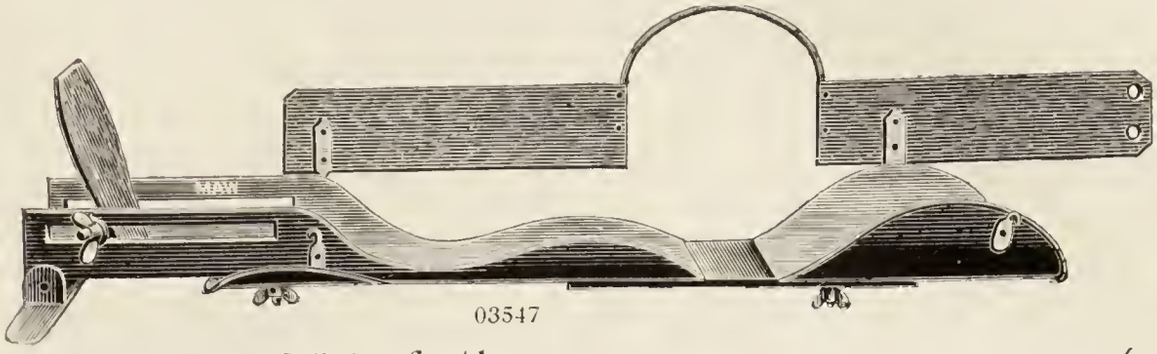
03541	Cline's iron, japanned, 3 sizes, right or left .. .. each	0	5	0
03542	Do. perforated zinc, 3 sizes, right or left .. .. ,,	0	5	0
03543	Do. poro-plastic felt, 3 sizes, right or left .. .. ,,	0	4	6
03544	Do. wood, with raised ankles, in sets of 6 pairs ..per set	0	15	0
03545	Do. do., with flat ankles, in sets of 6 pairs .. .. ,,	0	13	6

Any of the above can be supplied padded at an extra cost of **1/6** *each.*

03546

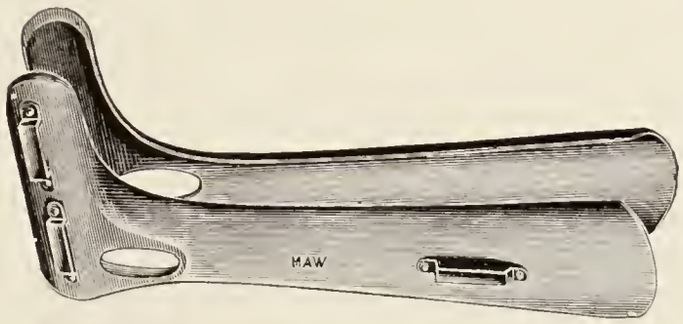
03546	Dupuytren's, 6 sizes, from 16 in. to 21 in... .. ..per set	0	3	6

Dislocation and Fracture Appliances—Contd.—

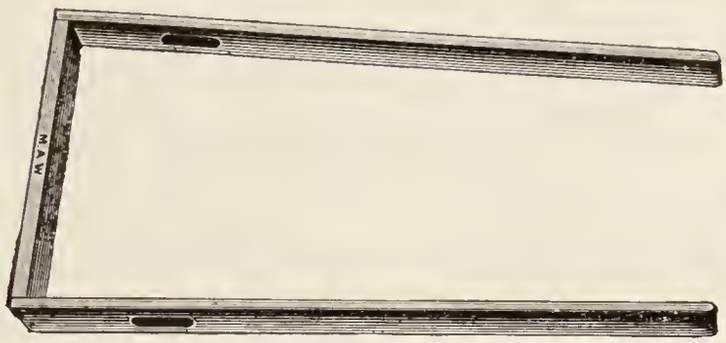


03547

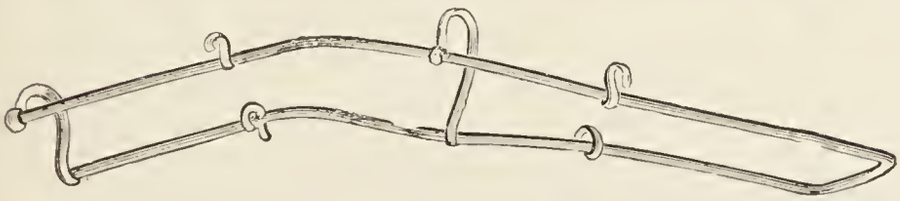
No.	**Leg and Thigh Splints—Contd.—**	£	s.	d.
03547	Fergusson's Knee Splint, for use after excision	1	5	0



03548

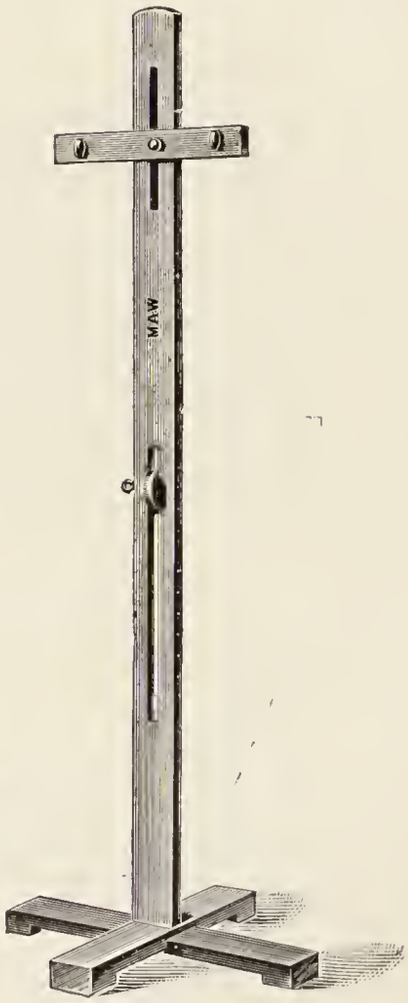


03550



03551

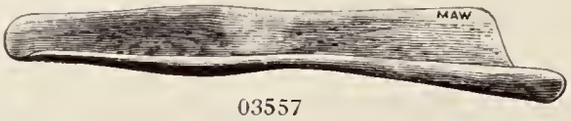
03555



03553

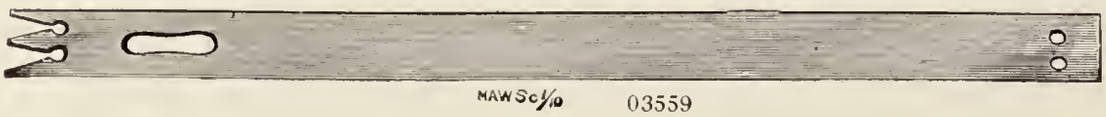
03548	Guy's pattern, with rectangular foot pieces, suitable for either leg, in sets of 3 pairs .. ..per set	0	12	6
03549	Do. do., padded .. .. .. per pair	0	5	0
03550	Hamilton's, for fracture of thigh in children, 3 sizes .. each	0	4	6
03551	Hodgen's Wire Splint, right or left, for suspension of leg ..	0	7	0
03552	Cords and Pulleys for use with above.. .. ..per set	0	5	6
03553	Upright and Stand with clamp for suspension of the limb ..	0	12	0
03554	Nathan Smith's (anterior) modification of Hodgen's	0	6	6
03555	Howse's, for excision of the knee or compound fracture.. ..	1	0	0
03556	Do. do., complete with cradle (see No. 03478)	2	3	0

Dislocation and Fracture Appliances—Contd.—



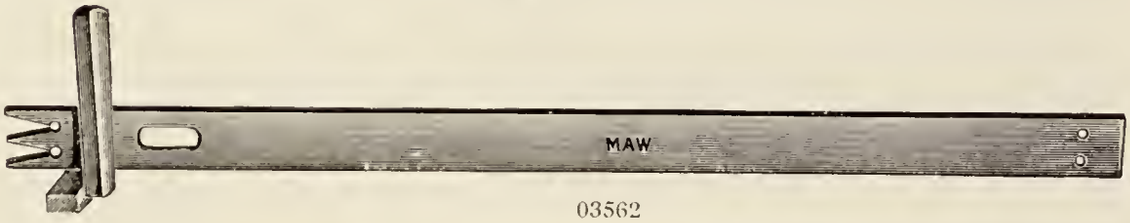
03557

No.	**Leg and Thigh Splints—Contd.—**	£	s.	d.
03557	Knee Splint, wood, posterior, 3 sizes .. .. ..per set	0	8	6
03558	Lawrenee's or Neville's, japanned iron, for suspension (see No. 03480), 3 sizes .. .. each	0	6	6



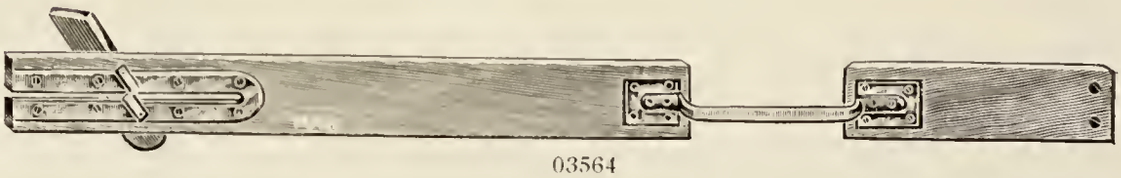
03559

03559	Liston's Long Outside Splint, for fraeture of femur, in sets of 6 per set	0	7	0
03560	Do. do., padded .. .. each	0	2	0
03561	Do. do., oak, with brass slide joint in eentre, as supplied to the Army Medieal Department.. .. each	0	9	0



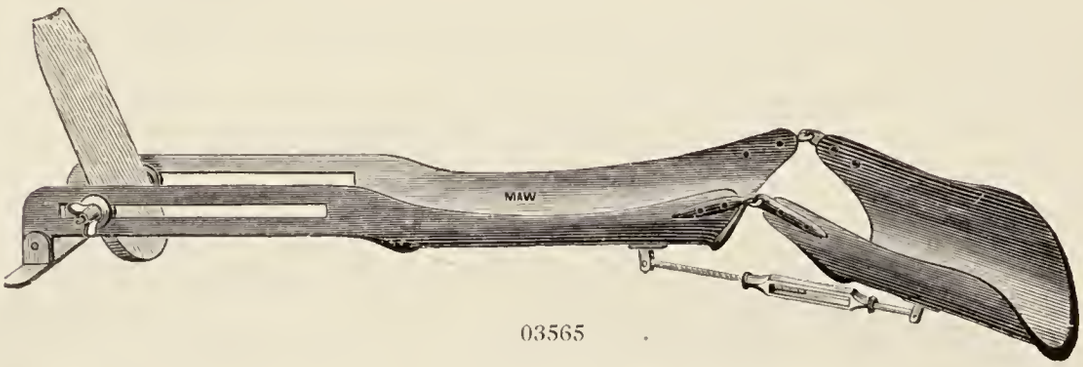
03562

03562	Liston's Long Outside Splint, with foot piece and transverse bar to prevent rotation, in sets of 6 .. ..per set	0	12	0
03563	Do. do., padded .. .. each	0	3	0



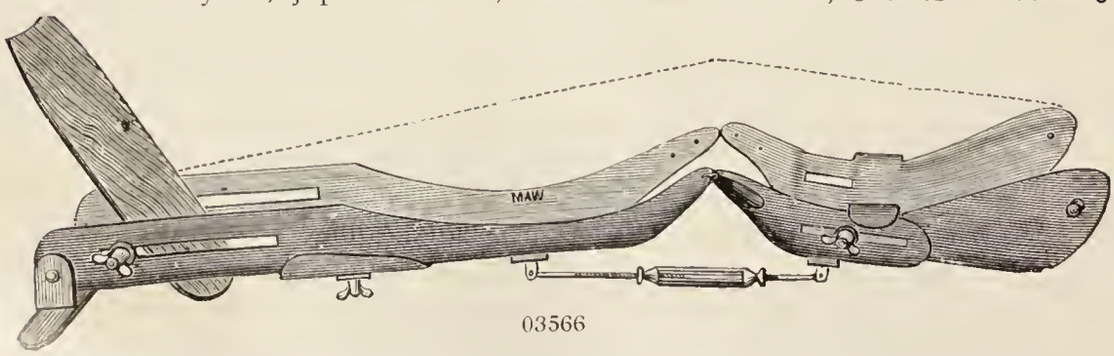
03564

03564	Liston's Long Interrupted Splint, with foot-pieee, suitable for either side..	0	10	6



03565

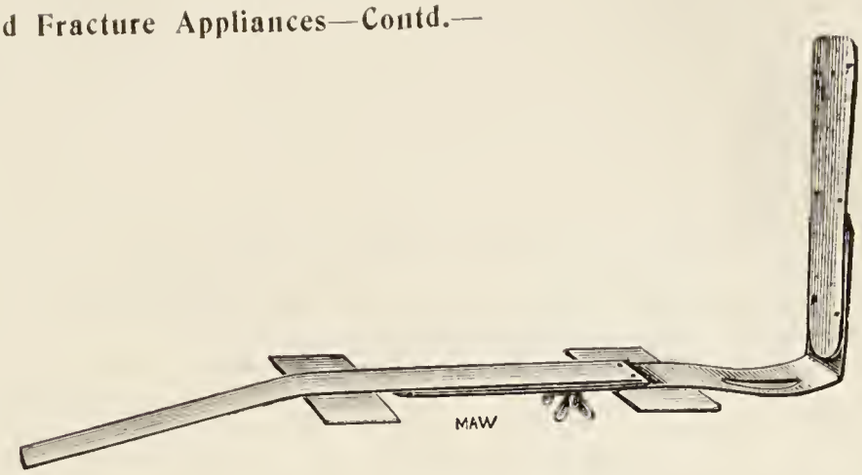
03565	McIntyre's, japanned iron, with serew extension, 3 sizes ..	0	15	0



03566

03566	McIntyre's, japanned iron, with adjustable heel plate, and thigh pieee to elongate..	1	2	6

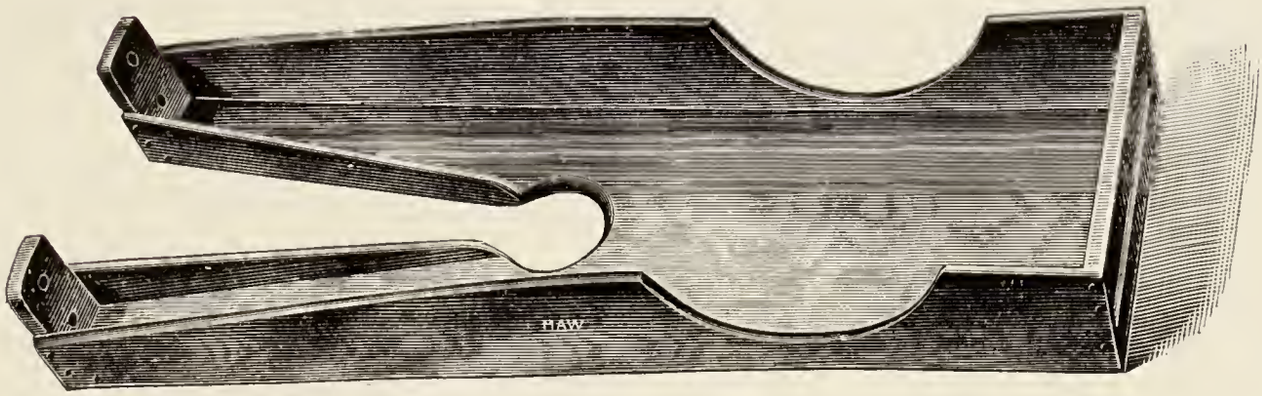
Dislocation and Fracture Appliances—Contd.—



03567

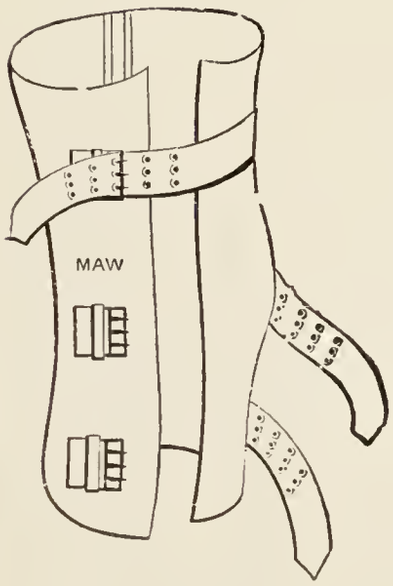
Leg and Thigh Splints—Contd.—

No.		£	s.	d.
03567	Neville's Improved, adjustable to any size adult leg, with foot piece to fix at any angle	0	12	0

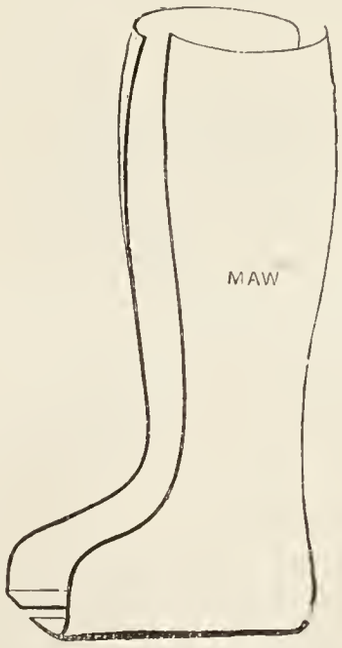


03568

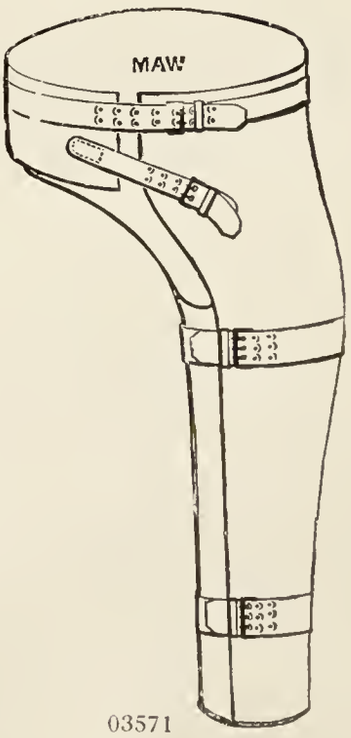
03568	Phelps's Box Splint, padded—a useful splint for small children	1	4	6



03569



03570

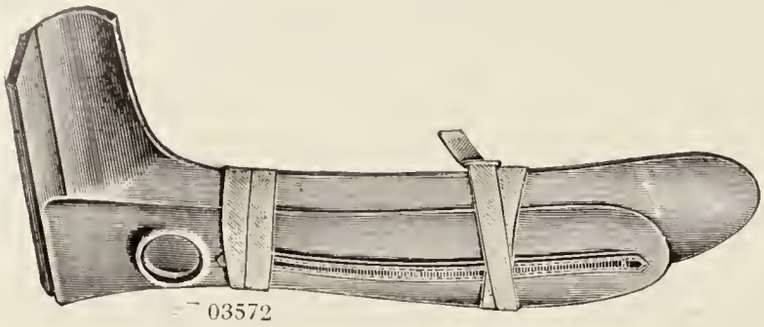


03571

03569	Poro-plastic Felt, for knee, with straps and buckles .. from	0	12	0
03570	Do. do., for leg and foot .. .. .. per pair from	0	6	0
03571	Do. do., for thigh, with pelvic band, straps and buckles from	1	0	0

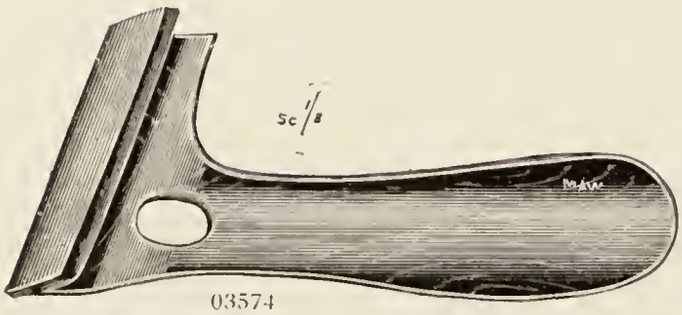
Poro-plastic Felt Splints are made to order only, accurate measurements being required.

Dislocation and Fracture Appliances—Contd.—

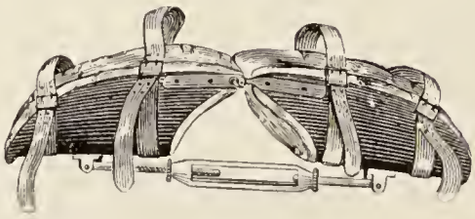


03572

No.	**Leg and Thigh Splints—Contd.—**		£	s.	d.
03572	Roughton's, with webbing straps, right or left, 3 sizes ..	each	0	4	0
03573	Do. do., padded	,,	0	5	6



03574

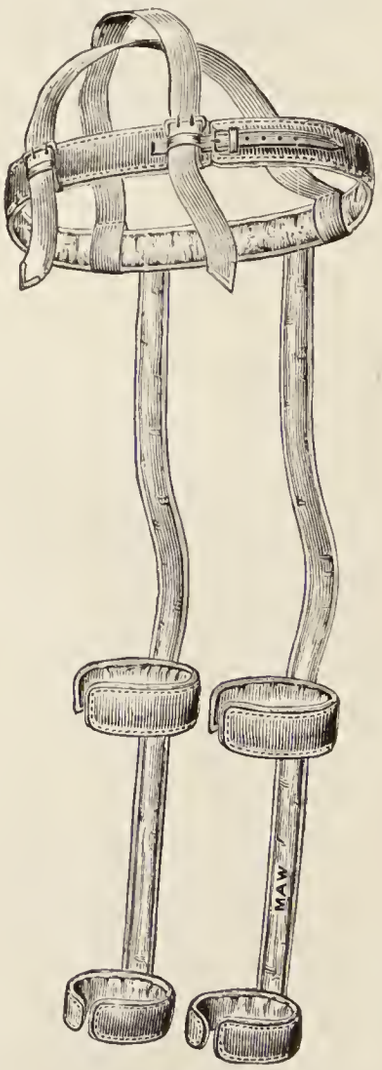


03575

03574	Scott's modification of Roughton's Splint, right or left, 4 sizes	each	0	3	0
03575	Screw Extension Splint, japanned iron, for knee		0	17	6
03576	Side Splints, wood	per doz.	0	3	6

03577

03579



03580

Dislocation and Fracture Appliances—Contd.—

No.		£	s.	d.
	Leg and Thigh Splints—Contd.—			
03577	*Thomas's, single, for hip, leather-covered, with straps, etc. ..	1	3	6
03578	* Do. do., do., "B" quality	0	19	6
03579	* Do. do., modified by Collier, with perineal band and joint at hip to allow of extension in flexed position, from	1	7	6
03580	*Thomas's, double, leather-covered, with straps, etc., 2 qualities 33/- and	1	18	0

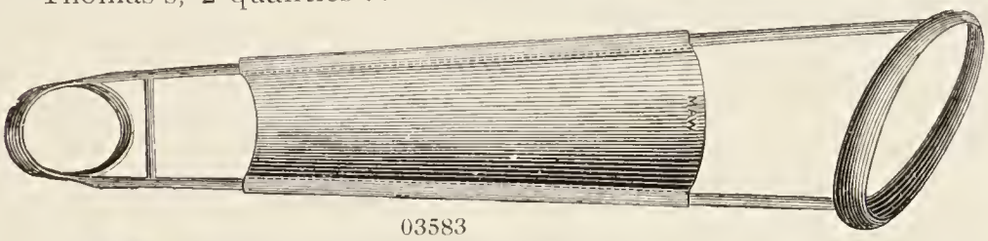
DIRECTIONS FOR MEASUREMENT.—Circumference of chest at nipple line, of thigh 2 in. below fold of buttock, and of leg 3 in. above malleolus. Length from nipple line to 2 in. below fold of buttock, and from 2 in. below fold of buttock to 3 in. above malleolus. State whether required for right or left side. If a patten is required send a boot belonging to the sound limb. If crutches are required send measurement from axilla to sole of foot on the sound side.

03581

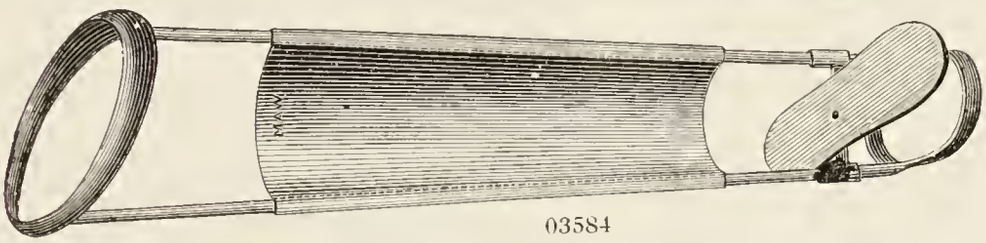
03582

Pattens, for use with Hip Splints—

03581	Cheyne Hospital model	0	5	6
03582	Thomas's, 2 qualities .. .. each, 4/- and	0	5	6



03583



03584

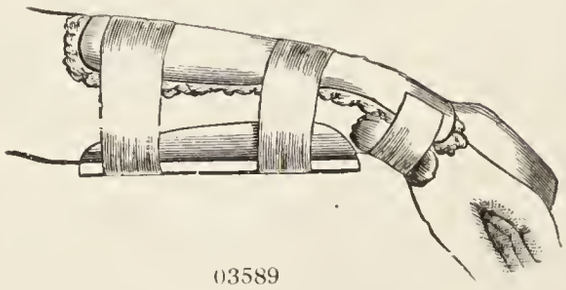
03583	*Thomas's, for knee ..each, 17 in., 18/6; 27 in., 22/-; 40 in.	1	4	0
03584	* Do. do., with adjustable foot plate	1	10	0
03585	Patten for above, 2 qualities .. .. ..each, 4/- and	0	5	6

DIRECTIONS FOR MEASUREMENT.—Circumference of upper part of thigh and knee. Length from fork of leg to sole of foot. State whether required for right or left leg. If a patten is required send a boot belonging to the sound limb. If crutches are required send measurement from axilla to sole of foot on sound side.

Wrist and Hand Splints—

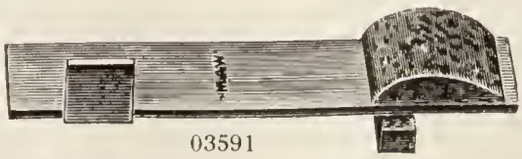
03586	Bonnett's, wire gauze, for forearm and wrist	0	6	6

03587



03589

03587	Carr's, right and left, 3 sizes .. .. .. per set of 6	0	7	6
03588	Do. do., with pads and straps .. .. each	0	2	0
03589	Gordon's, right or left, 3 sizes .. .. ,,	0	3	6
03590	Do. do., with pads and straps .. .. ,,	0	5	0

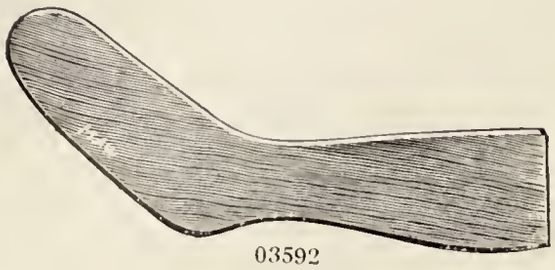


03591

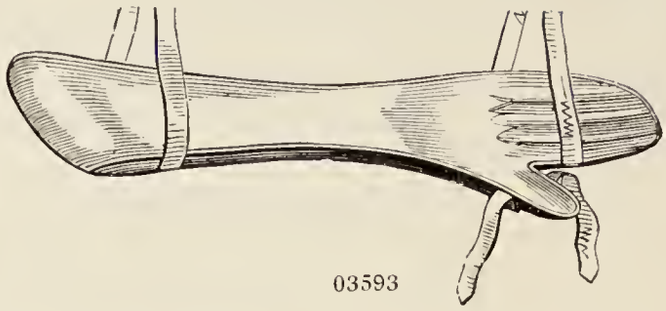
03591	Lister's, with cork hand rest, for excision of wrist, 3 sizes, 13 in., 14½ in. and 16 in., right or left.. .. .. .. each	0	1	6

* Made to order only.

Dislocation and Fracture Appliances—Contd.—



03592



03593

No.	**Wrist and Hand Splints—Contd.—**	£	s.	d.
03592	Nelaton's, 3 sizes .. ..per set	0	2	0
03593	Pemberton's, with hand piece, 3 sizes, right or left .. each	0	2	6

03595

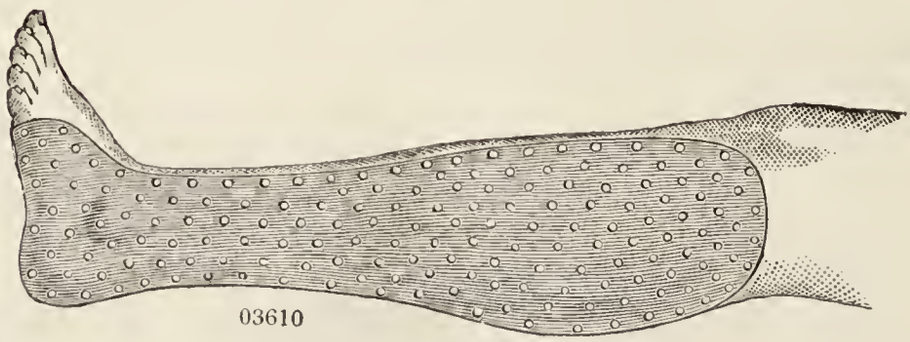
03599

03594	Poro-plastic, with thumb piece, 3 sizes .. .. .. each	0	2	6
03595	Watson's	0	3	0
03596	**Set of Splints for General Practitioner,** consisting of—			

1 set Carr's wrist splints, No. 03587
1 set Gooch's lined splints, No. 03510
1 jointed Liston's splints for fractured femur
1 back leg splint, with foot piece, No. 03529
1 knee splint (posterior), No. 03557
3 Cline's leg splints (reversible), No. 03545

	Complete in strong hinged deal box	1	10	0
	Splint Materials, etc.—			
03597	Bandages "Crinoline," 6 yds. long, for use with plaster of Paris, per doz., $2\frac{1}{2}$ in., **3/8**; 3 in.	0	4	4
03598	Bavarian flannel .. ..per yd.	0	0	8
03599	Gooch's "Kettle Holder" Splinting, 24 by 18, per sheet	0	3	0
03600	Do. do. do., 36 in. by 36 in., per sheet	0	7	6
03601	Gutta-percha, $\frac{1}{8}$ in. thick, two qualities .. per lb., **6/6** and	0	4	0
03602	Millboard, in sheets, 24 by 19 in. .. .. .. per sheet	0	0	6
03603	Plaster of Paris, in tins, per doz., 1 lb., **3/6**; 3 lb., **7/6**; 7 lb., **13/6**; and 14 lb.	1	4	6
03604	Do. do., in 10 oz. soldered tins with cutter per doz.	0	2	6
03605	Plaster of Paris Bandages, each in tin per doz., $2\frac{1}{2}$ in., **7/-**; 3 in.	0	10	0
03606	Do. do., 6 in tin, per tin, $2\frac{1}{2}$ in., **3/4**; 3 in.	0	4	0
03607	Do. do., 12 in tin, per tin, $2\frac{1}{2}$ in., **6/6**; 3 in.	0	8	0
03608	Poro-plastic, Felt, 3 qualities .. per lb., **4/6**, **6/9** and	0	9	0
03609	Do. do., "B" quality .. ..per lb.	0	3	0

9d. per lb. extra if less than one sheet 42 in. by 27 in. is required.

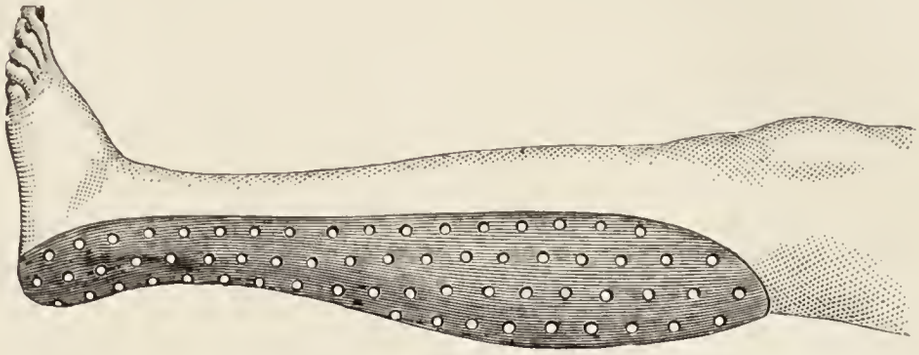


03610

Levis's Indestructible Metallic Splints, very light, and readily conformable by bending—

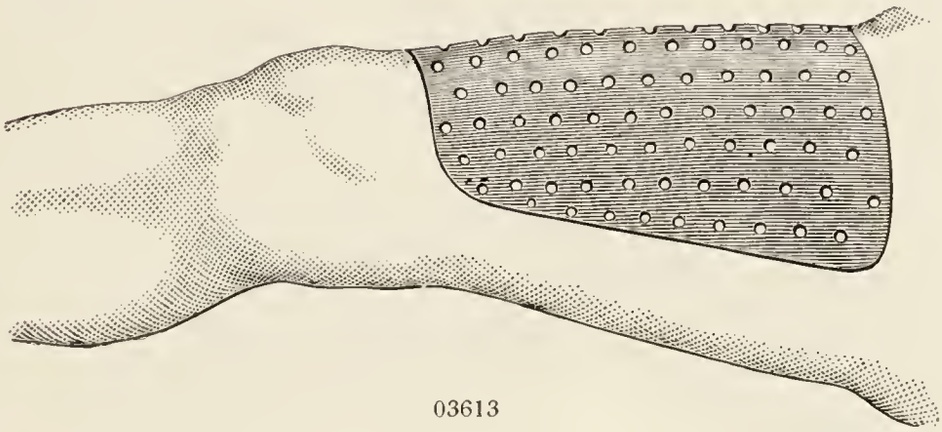
03610	Ankle Splint, external or internal, 2 sizes, adults' and children's, each	0	4	0
03611	Ham Splint, 2 sizes, adults' and children's.. .. .. ,,	0	4	0

Dislocation and Fracture Appliances—Contd.—



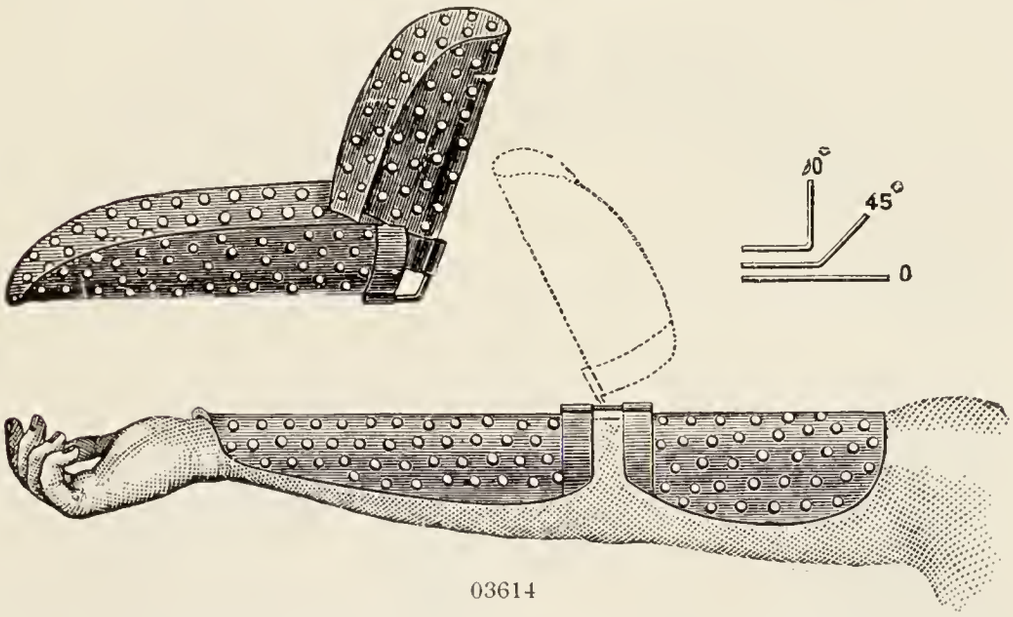
03612

No.	**Levis's Indestructible Metallic Splints—Contd.—**		£	s.	d.
03612	Leg Splint, 2 sizes, adults' and children's	each	0	4	0



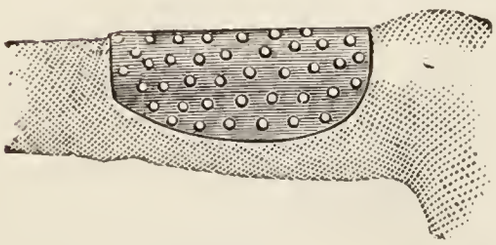
03613

03613	Thigh Splints, 2 sizes, adults' and children's	each	0	2	0

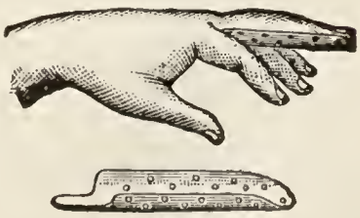


03614

03614	Arm Splint, adjustable to any angle, can be applied either anteriorly or posteriorly, 2 sizes, adults' and children's	each	0	6	0



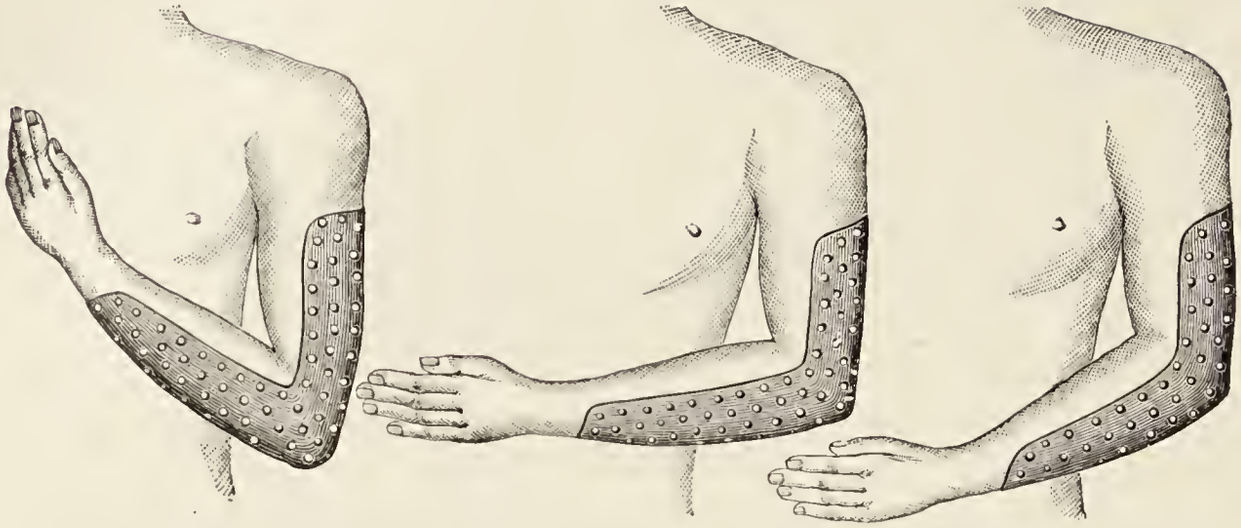
03615



03616

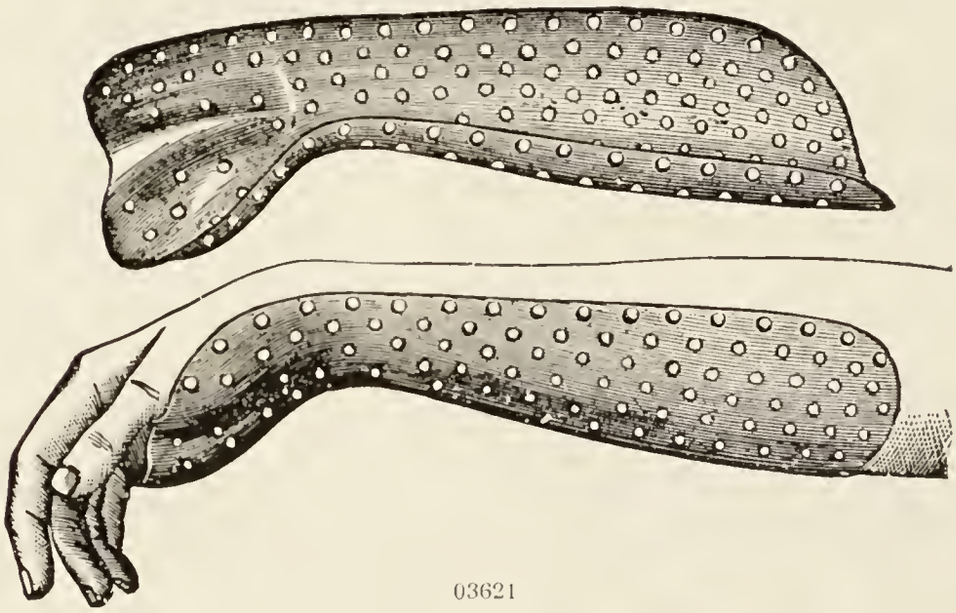
03615	Humerus Splint, 2 sizes, adults' and children's	each	0	2	0
03616	Finger or Toe Splint, 3 sizes	per doz.	0	8	0
03617	Levis's set of Splints, 21 pieces, complete in box	per set	3	0	0

Dislocation and Fracture Appliances—Contd.—



03618 03619 03620

No.	Levis's Indestructible Metallic Splints—Contd.—		£	s.	d.
03618	Elbow, acute angle, 2 sizes, adults' and children's.. ..	each	0	4	0
03619	Do. right angle, 2 sizes, adults' and children's.. ..	,,	0	4	0
03620	Do. obtuse angle, 2 sizes, adults' and children's ..	,,	0	4	0



03621

03621	Radius, right or left, 2 sizes, adults' and children's ..	each	0	4	0

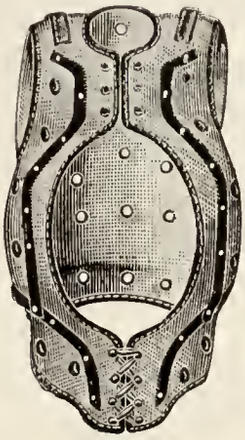
03622 03623

03622	Clavicle Splint, 2 sizes, adults' and children's	each	0	3	0
03623	Maxilla Splint, 2 sizes, adults' and children's	,,	0	3	0

SPLINTS AND APPLIANCES

As used by Dr. H. J. Gauvain, at

THE LORD MAYOR TRELOAR CRIPPLE'S HOME AND COLLEGE, ALTON, HANTS.



03624

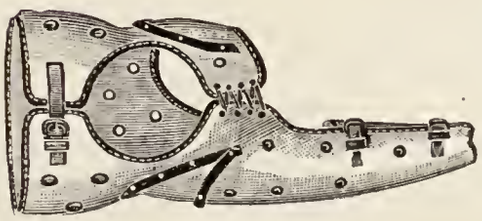
No.		£ s. d.
	Gauvain's Celluloid Jackets for tubercular affections of the spine, constructed of non-inflammable celluloid strengthened with highly-polished steel bands, and lined with chamois leather—	
03624	Children's sizes .. .. each, from	3 10 0
03625	Adults' sizes .. .. ,, ,,	6 6 0

03626

03627

Gauvain's Celluloid Splints, for tubercular or other affections of the joints in children, constructed of non-inflammable celluloid strengthened when necessary with highly-polished steel bands and lined with chamois leather—

03626	For Ankle .. .. each, from	1 5 0
03627	For Elbow .. .. ,, ,,	1 5 0



03628

03630

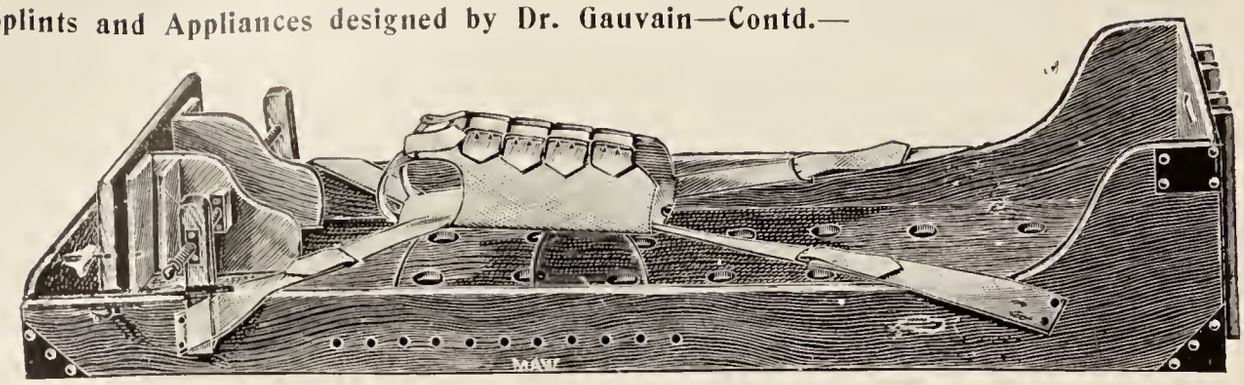
03628	For Hip .. .. each, from	2 10 0
03629	For Knee, with foot .. .. ,, ,,	1 5 0
03630	Do. without foot .. .. ,, ,,	1 1 0

The chief advantages claimed for Dr. Gauvain's celluloid splints are—Strength, Lightness and Ventilation. An accurate fit is so essential in rendering the joint immobile that it has been found quite impossible to make these splints from measurements. A Plaster of Paris mould is required in every case, on receipt of which a cast is made and the resultant splint is guaranteed to fit this cast. An expert in Plaster of Paris can be sent to any part of the country to take the mould if desired at a charge of **21/-** per day and third-class return fare.

The process of manufacture is slow and usually takes about three weeks.

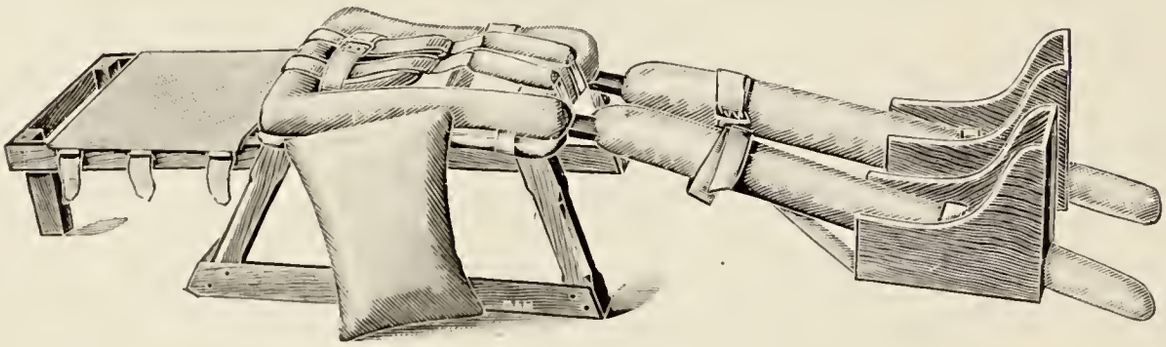
The prices quoted above are for children's sizes, ages 1-4 years; larger sizes will be charged on the same ratio.

Splints and Appliances designed by Dr. Gauvain—Contd.—



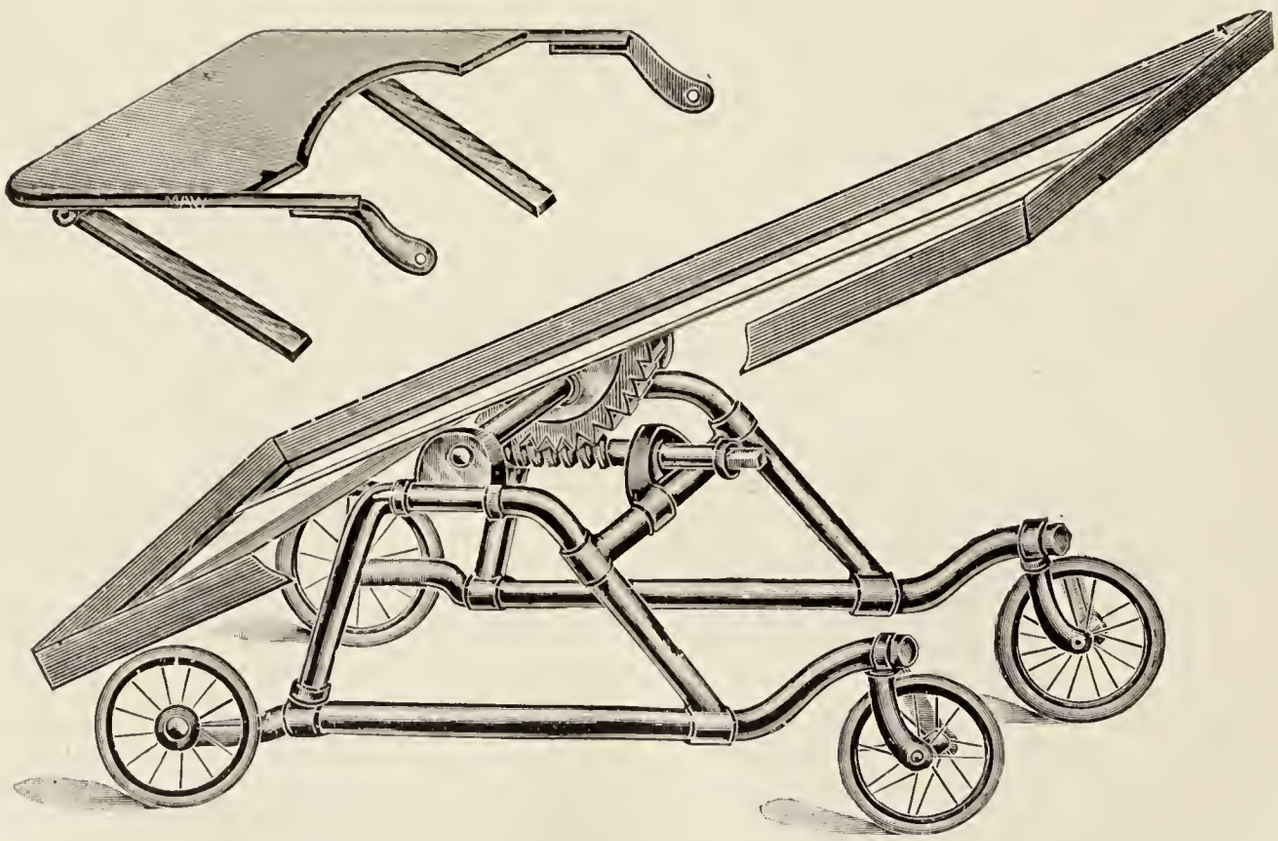
03631

No.		£	s.	d.
03631	**Wood Tray** for the treatment of cases of spinal caries, complete with head extension apparatus and jacket	2	6	6
03632	Do. do., without head extension	1	1	6



03633

03633	**Wheel-Barrow and " Back Door " Splint** for extension, complete with pads	3	7	6



03634

03634	**Mechanical wheeled Bedstead,** so constructed as to enable the patient to be recumbent at any angle and to be wheeled about from room to room or out of doors, complete with wood tray, No. 03631, and mattress in sections	24	0	0
03635	**Bed Table** for use with the above	0	10	0

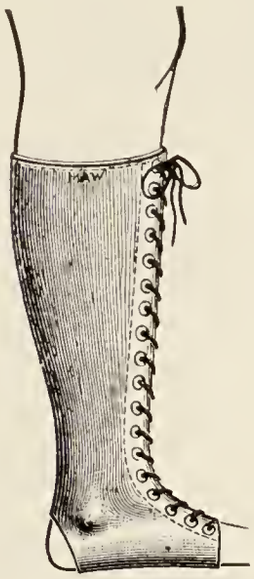
SURGICAL AND ORTHOPÆDIC APPLIANCES, Etc.

There are comfortable Fitting Rooms, with Male and Female Attendants, at 11, Aldersgate Street, where patients will receive skilled attention on production of a written order. This should state clearly whether the patient is to pay cash or the article is to be charged to account.

The Rooms are open daily from 10 a.m. to 5 p.m (Saturdays 9 a.m. to 12 noon). A small fee, varying according to time occupied, is charged for each attendance.

Fitters can be sent to any part of the country at a few hours' notice.

Forms for Self-measurement sent on application.



03636

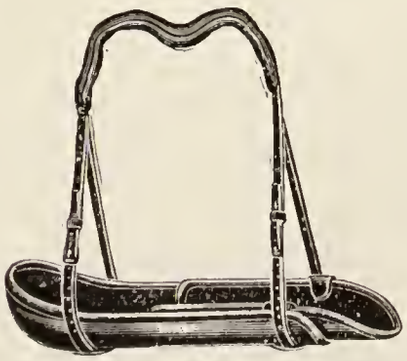
03637

No.		£	s.	d.
	Ankle Splints, for Tubercular Disease, etc.—			
03636	Leather support, with front lacing	1	5	0
03637	Do. do., with side lacing	1	7	6
03638	Poro-plastic felt support with front lacing .. .. from	0	10	6

03639

03640

	Arm Slings—				
03639	Leather, with elbow .. .. .. black, 9/6; white calf	0	10	6
03640	Do. without elbow .. .. black, 6/6; white calf	0	7	6



03641

03642

03641	Leather, with slide to elongate .. black, 12/6; white calf	0	13	6
03642	Wire gauze, covered with alpaca	0	7	6

Surgical and Orthopædic Appliances, etc.—Contd.—

03643

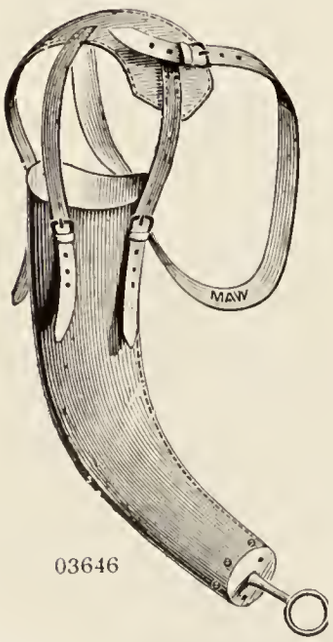
No.	**Arm Slings—Contd.—**	£	s.	d.
03643	Silk, black, " The Minn," registered, ladies' or gent.'s .. each	0	4	3
03644	Do. made from patient's own material (32 ins.) to match dress	0	2	0

03645

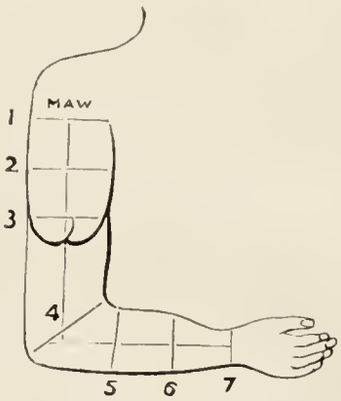
Artificial Arms and Hands, for Amputation above Elbow—

03645 Arm, with elbow joint, detachable articulated hand and rotating wrist plate, 2 qualities .. .. ..each, £10 10 0 and **13 10 0**

The thumb of the above hand is kept in apposition to the first finger by means of a carefully adjusted spring, strong enough to hold a newspaper or light book. The palm of the hand is fitted with a steel socket into which various instruments (Nos. 03659 to 03668) can be fitted, and, when the hand is removed, the socket in the wrist plate will be found capable of taking other implements of a stronger nature (Nos. 03669 to 03673).



03646



DIRECTIONS FOR MEASUREMENT.

CIRCUMFERENCE.—No. 1 at axilla, No. 2 at middle of stump, No. 3 at end of stump, and No. 4, No. 5, No. 6 and No. 7 on sound arm.

LENGTH.—No. 1 to 3 from axilla to end of stump, No. 1 to 4 from axilla to centre of elbow on sound arm, and No. 4 to 7 from centre of elbow to wrist on sound arm.

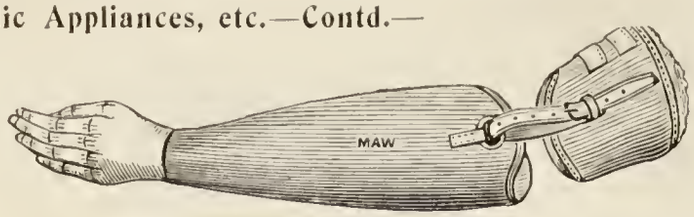
State whether right or left arm is required. Send a tracing on paper of the sound hand with the fingers extended, and a glove for the artificial hand.

The measurements of the sound arm are not necessary in the case of a leather socket.

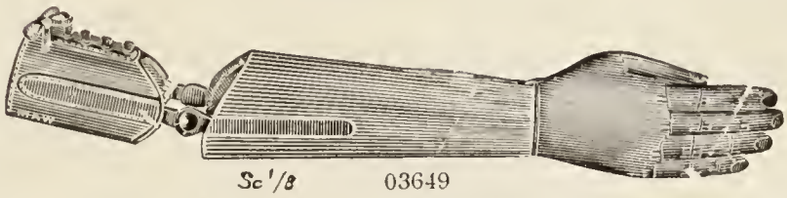
03647

03646	Leather Socket, curved, for very short stump, fitted with ring, and knife or fork..	2	7	6
03647	Leather Socket, straight, for medium or long stump, fitted with hook, and knife or fork	2	2	0

Surgical and Orthopædic Appliances, etc.—Contd.—

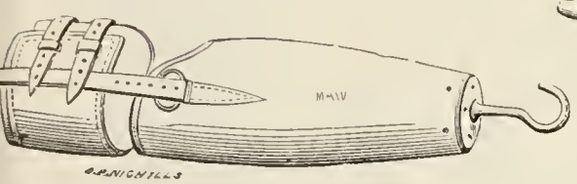


03648

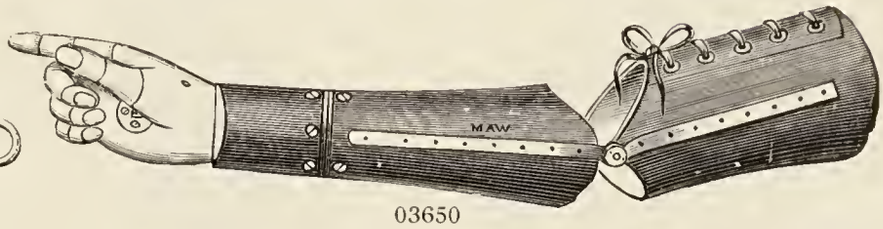


Sc 1/8 03649

No.	**Artificial Arms and Hands,** for Amputation below Elbow—	£	s.	d.
03648	Arm, with detachable articulated hand, and with lower arm attachment supported by straps, 2 qualities £8 and	10	0	0
03649	Arm, similar to No. 03648, but with lower arm attachment supported by steel joints instead of straps	10	0	0



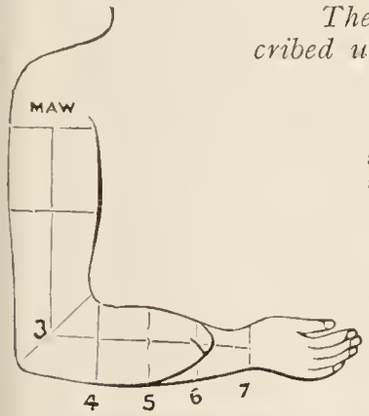
03651



03650

03650	Arm, with detachable articulated hand, rotating forearm, and steel joints at elbow	12	5	0
03651	Leather Socket with hook and knife or fork	2	2	0

The Hand supplied with No. 03650 *is the same as that described under No.* 03645.



DIRECTIONS FOR MEASUREMENT FOR AMPUTATION BELOW ELBOW.

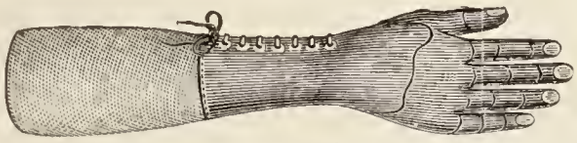
CIRCUMFERENCE.—No. 1 at axilla, No. 2 at middle of arm, No. 3 at elbow, No. 4 below elbow, No. 5 at middle of stump, and No. 6 at end of stump.

LENGTH.—No. 3 to 6 from centre of elbow to end of stump, and No. 3 to 7 from centre of elbow to wrist on sound arm.

Give a tracing on paper of the sound hand with the fingers extended, and send a glove for the artificial hand.

State whether right or left arm is required.

The measurements and particulars of the sound arm are not necessary in the case of a leather socket



03652

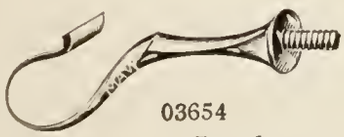
03653

Artificial Hands—

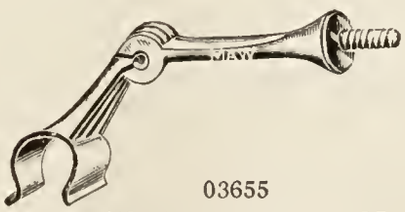
03652	For partial amputation .. .. from	4	0	0
03653	Do. do. .. .. ,,	3	0	0

(*For complete amputation, see Artificial Arms for Amputation below Elbow.*

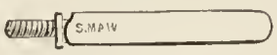
A plaster cast of the stump is required in all cases before making a part-hand for partial amputation. Hands of this description are made with a view to rendering the deficiency less conspicuous, and are always worn under a glove. If of sufficient size, the hand is provided with a slot into which a knife or fork can be fitted.



03654



03655



03656

03657

03658

Implements for use with Arm Sockets, Nos. 03646, 03647 and 03651

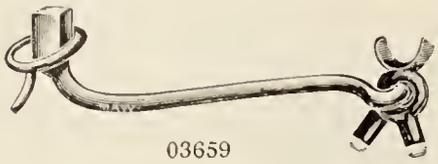
03654	Barrow Hook	0	8	0
03655	Bicycle Hook	0	16	0

Surgical and Orthopædic Appliances, etc.—Contd.—

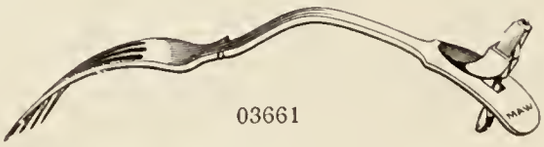
Artificial Arms, etc.—Contd.—

Implements for use with Arm Sockets Nos. 03646, 03647 and 03651—Contd.—

No.		£	s.	d.
03656	Knife	0	3	6
03657	Fork	0	3	0
03658	Ring	0	6	6


03659

03660


03661

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03664

03665

03666

03667

Implements for use with Artificial Hands Nos. 03645 and 03650—

03659	Billiard Cue Rest	1	0	0
03660	Knife	0	10	6
03661	Fork	0	10	0
03662	Spoon	0	10	6
03663	Button Hook	0	9	6
03664	Card Holder	1	1	0
03665	Driving Hook	1	1	0
03666	Do. do., with spring	1	10	0
03667	Pen Holder	0	13	6
03668	Work Holder	1	10	0

03669

03671

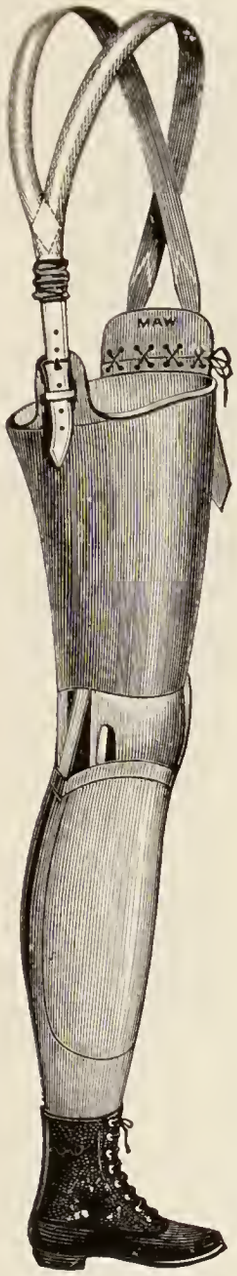
03672

03673

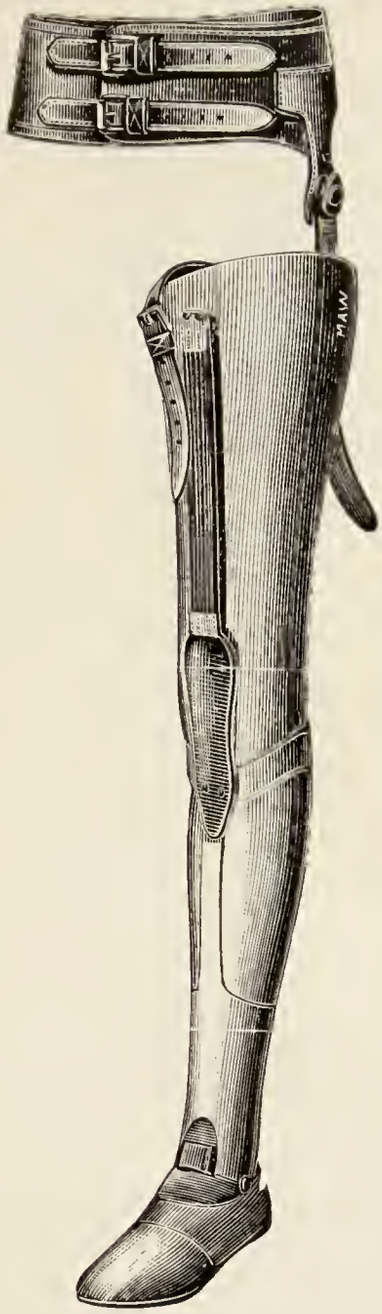
Implements for use with Artificial Arms, Nos. 03645, 03648, 03649 and 03650, when hand is removed—

03669	Book or Paper Holder	1	0	0
03670	Knife	0	8	0
03671	Fork	0	8	0
03672	Hook	0	12	6
03673	Ring	0	15	0

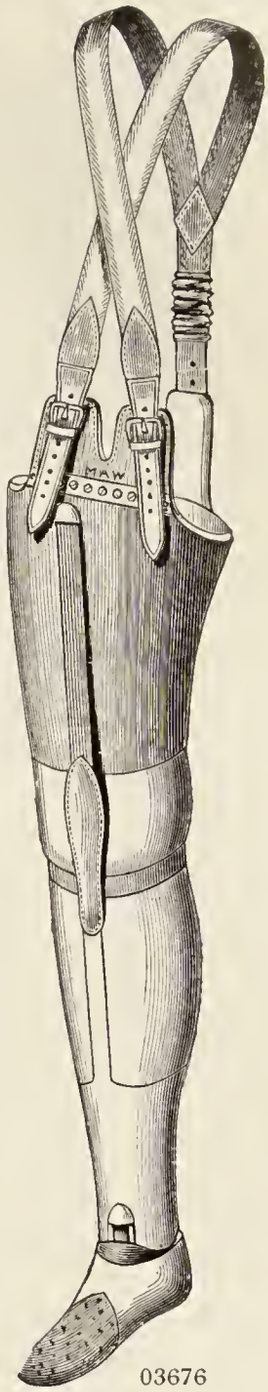
Surgical and Orthopædic Appliances, etc.—Contd.—



03674



03675



03676

No.	**Artificial Legs and Feet,** for Amputation above and through Knee—	£ s. d.
03674	Leg, with either wood or leather bucket (without boot) £10 10 0 or	15 15 0

This leg is recommended chiefly for a long stump. The knee consists of a tendon joint with a steel bolt. The bending of the knee and the natural swing of the lower part of the leg in walking are controlled by a strong catgut tendon running down the back of the leg and partially concealed by the calf pieces, which can be easily detached when the tendon requires adjustment. Strong braces are provided. Average weight, 4¼ lbs.

03675	Leg for a very short stump with absence of controlling power, useful after Furneaux Jordan's amputation, 2 qualities £14 0 0 and	16 16 0

This leg is fitted with a broad pelvic waist band attached by means of a steel joint at the hip, which enables the bucket to be kept well up to the stump. The knee and ankle joints are controlled by a full length tendon.

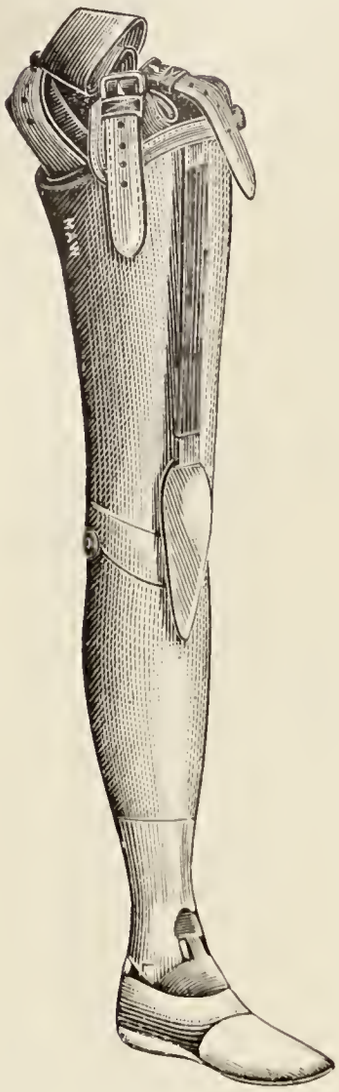
Average weight, 5¼ lbs.

03676	Leg, with wood bucket and high knee joint, for medium short stump, 2 qualities .. .. .. £13 10 0 and	16 16 0

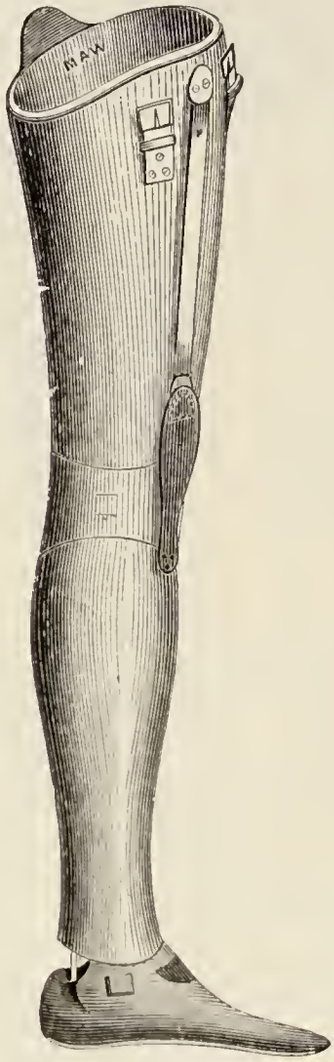
This leg is similar in construction and movements to No. 03674, but is made with a wood bucket, and is specially designed for a medium short stump, the knee joint being carried higher up than in No. 03674, so that a longer tendon can be used, giving greater leverage and more personal control over the lower part of the leg.

Average weight, 4½ lbs.

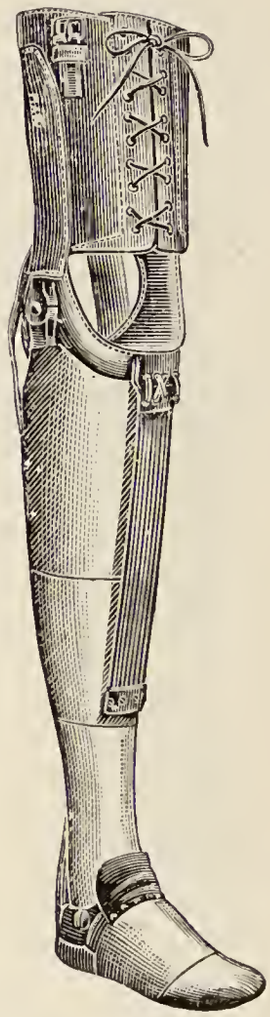
Surgical and Orthopædic Appliances, etc.—Contd.—



03677

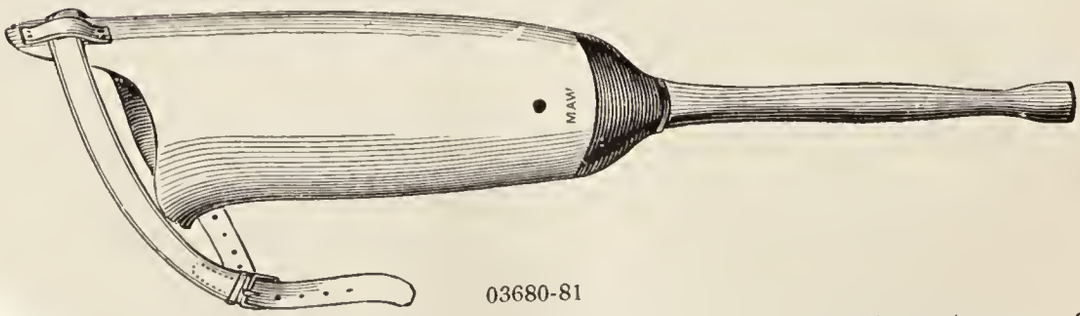


03678



03679

No.	**Artificial Legs and Feet,** for Amputation above and through Knee—Contd.—	£ s. d.
03677	Leg, designed to meet the requirements of an operation through the knee joint. The knee joint is made up of a hollow block with improved American bolt-joints in steel; the ankle joint is the improved type of Anglesea joint. Average weight, 4¼ lbs. Made in 3 qualities, £10 10 0, £13 0 0 and	15 15 0
03678	Leg, with knee and ankle joints. The upper part and calf pieces are hollowed out and covered with basil skin; the ankle joint has a spring at the heel. A double shoulder-brace is provided. Average weight, about 5 lbs.	9 0 0
03679	Leg, made on the knee-pan principle, for amputation through the knee joint with the patella left and folded under the end of the stump. Much of the lifting power is obtained by means of a strong elastic spring attached to the front of the pan and carried down to the solid part of the fore leg	12 10 0

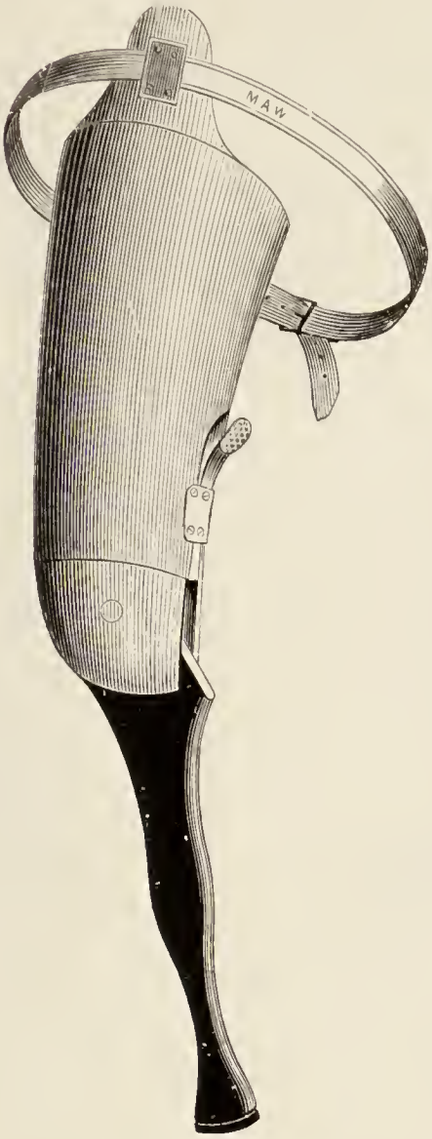


03680-81

03680	Peg Leg, with leather bucket, suitable for long or medium stump	2 2 0
03681	Do. with wood bucket, suitable for long or medium stump	1 10 0

Average weight, 2¾ lbs.

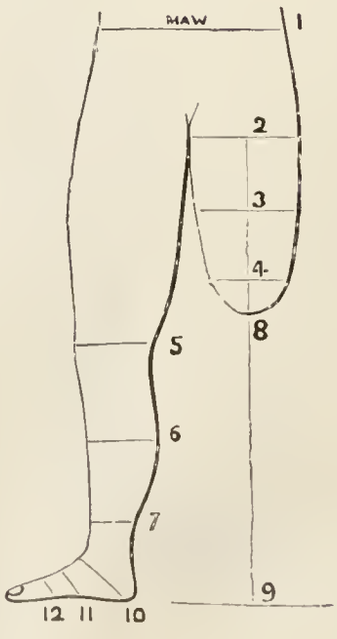
Surgical and Orthopædic Appliances, etc.—Contd.—



03682-83

03864-85

No.	**Artificial Legs,** for Amputation above Knee—**Contd.**—	£	s.	d.
03682	Peg Leg, with improved joint, spring catch and leather bucket	3	17	6
03683	Do. do. do., with wood bucket ..	3	12	6
	Average weight, $3\frac{3}{4}$ lbs.			
03684	Peg Leg, with check back-stop to control joint at knee, which can be released by pulling the strap passing down the front of the leg; with leather bucket	5	5	0
03685	Do. do. do., with wood bucket ..	4	10	0
	Average weight, $3\frac{1}{2}$ lbs.			



Directions for Measurement for Amputation above Knee.

Circumference.—No. 1 of waist, No. 2 of thigh at fork transversely, No. 3 of middle thigh, No. 4 of end of stump, No. 5 of knee of sound limb, No. 6 of calf of sound limb, No. 7 of ankle of sound limb, No. 10 of heel of sound limb, No. 11 of instep of sound limb, No. 12 of joints of toes of sound limb.

Length.—No. 2 to 8 from fork of legs to end of stump, No. 8 to 9 from end of stump to ground, No. 2 to 5 from fork of legs to centre of knee of sound leg, No. 5 to 11 from centre of knee of sound leg to ground.

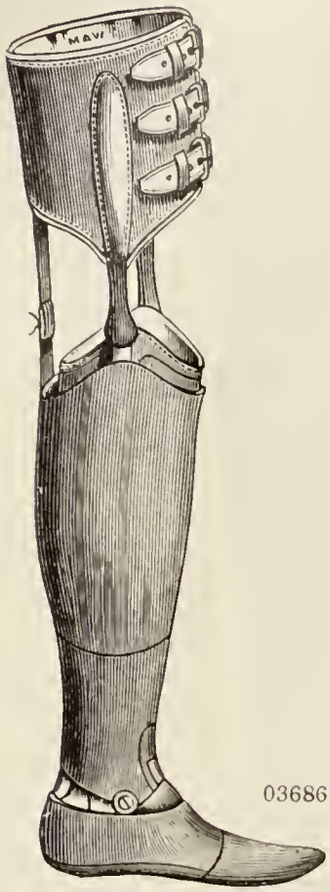
Send a tracing on paper of the stump and of the foot of the sound limb.

State whether right or left leg is required.

Send a boot for the artificial foot.

The measurements of the sound limb are not required in the case of a Peg Leg.

Surgical and Orthopædic Appliances, etc.—Contd.—



03686

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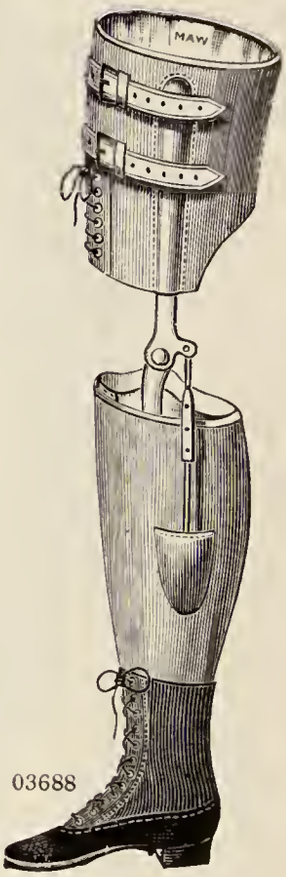
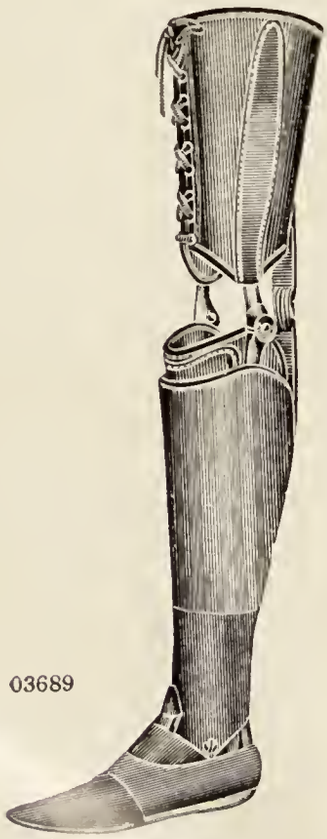
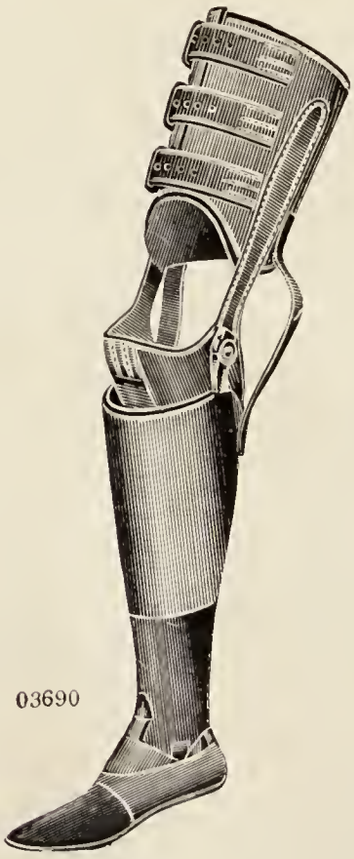


03688

No.	**Artificial Legs,** for Amputation below Knee—	£	s.	d.
03686	Leg with wood bucket for a short stump, weight, 4¼ lbs. ..	10	15	0
03687	Leg with wood bucket for a long stump, held in position by a leather band above the knee; average weight, 4 lbs. ..	5	15	0
03688	Leg similar in construction to No. 03686, but fitted with improved tendon, average weight, 4¼ lbs.	12	0	0



03689



03690

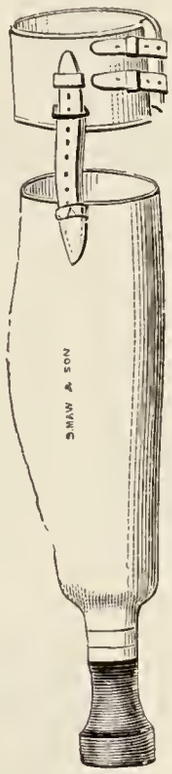
03691

For descriptions and prices see following page.

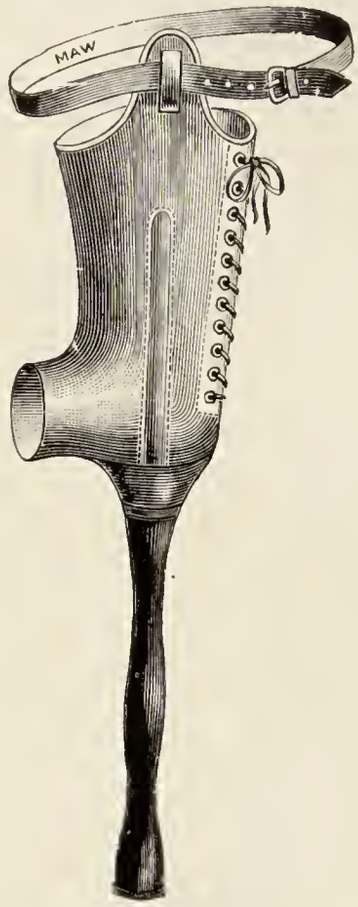
Surgical and Orthopædic Appliances, etc.—Contd.—

No.	**Artificial Legs,** for Amputation below Knee—**Contd.**—	£ s. d.
03689	Leg, for medium length stump, with improved eccentric joints; the upper bucket is made of leather to lace, and the lower one of wood; average weight, $4\frac{1}{4}$ lbs., 2 qualities, £**11 0 0** and	**13 10 0**
03690	Leg for very short stump, with posterior thickening preventing the use of an ordinary top bucket; average weight, $4\frac{1}{2}$ lbs.	**12 10 0**
03691	Leg for short and tender stump, the major portion of the weight being taken by the laced leather sheath above knee; fitted with waist belt and braces; average weight, 4 lbs.; 2 qualities .. .. £**12 10 0** and	**15 15 0**

03692

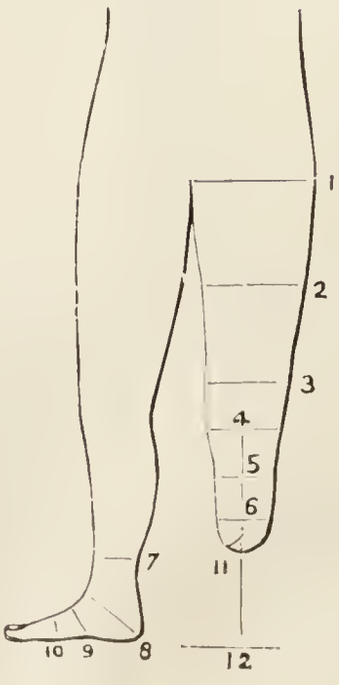


03693



03694

		£ s. d.
03692	Peg Leg with lateral steel joints extending upwards to the thigh piece, suitable for a medium long stump; average weight, $3\frac{1}{2}$ lbs. .. wood bucket, from **63/-**; leather bucket, from	**3 7 6**
03693	Peg Leg with leather bucket, for a long stump; average weight, $2\frac{1}{2}$ lbs. ..	**2 2 0**
03694	Kneeling Peg Leg with laced leather bucket, strengthened by lateral steel supports; average weight, $3\frac{3}{4}$ lbs.	**3 12 6**



Directions for Measurement for Amputation below Knee.

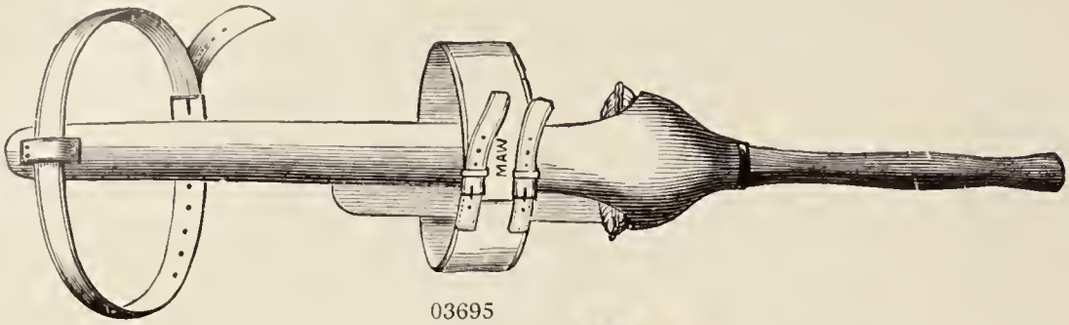
Circumference.—No. 1 of thigh at fork, No. 2 of middle of thigh, No. 3 of lower third of thigh, No. 4 of knee, No. 5 of leg 2 in. below knee, No. 6 of end of stump, No. 7 of ankle of sound foot, No. 8 of heel of sound foot, No. 9 of instep of sound foot, No. 10 of joints of toes of sound foot.

Length.—No. 4 to 12 from centre of knee to ground, and No. 4 to 11 from centre of knee to end of stump.

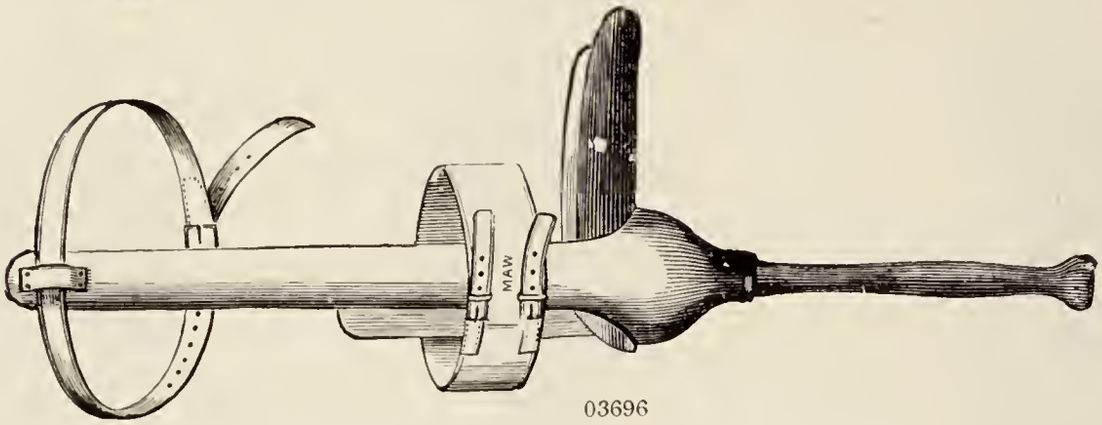
Send a tracing on paper of the stump and of the sound foot.

State whether right or left leg is required.

Surgical and Orthopædic Appliances, etc.—Contd.—



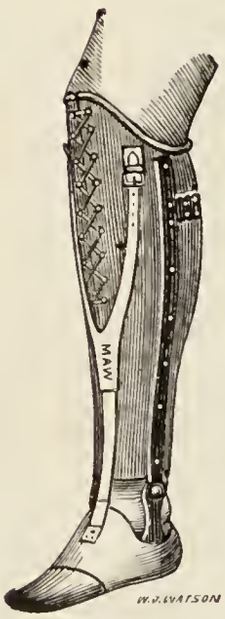
03695



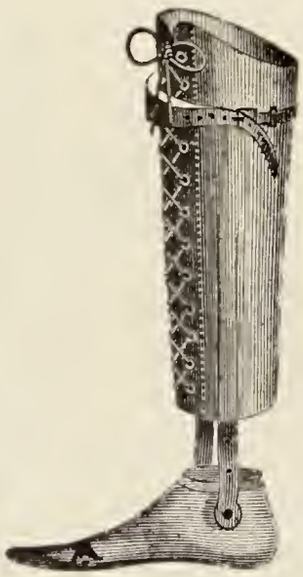
03696

No.	**Artificial Legs,** for Amputation below Knee—**Contd.**—	£	s.	d.
03695	Kneeling Leg for short stump, with knee pad, thigh strap and waist band; average weight, 2 lbs. 2 ozs.	1	2	0
03696	Do. do., for long stump, with trough made of light perforated steel covered with cloth; average weight, 2¾ lbs.	1	7	0

DIRECTIONS FOR MEASUREMENT FOR KNEELING LEGS.
CIRCUMFERENCE.—No. 1 of waist, No. 2 of knee, No. 3 of end of stump.
LENGTH.—No. 4 to 5 from knee to ground, and No. 2 to 3 from knee to end of stump.
State whether required for right or left side.

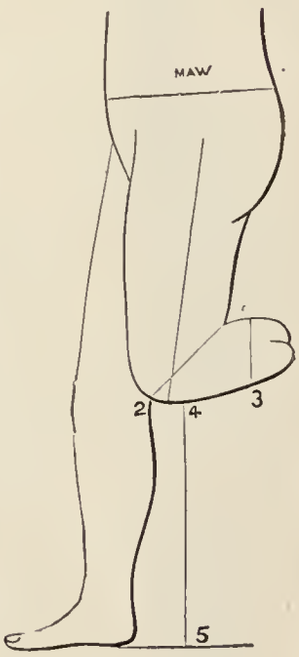


03697



03698

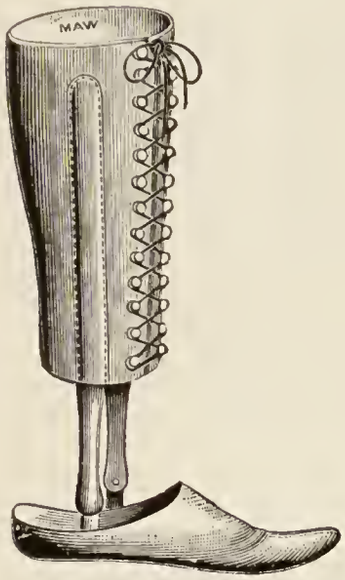
03699



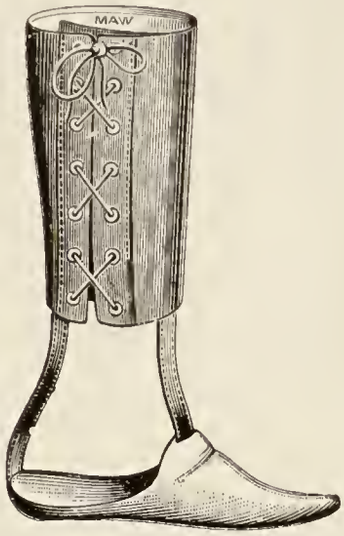
Artificial Feet, etc., for Amputation at Ankle Joint—

03697	Foot with laced leather bucket, for use after Symes's amputation with tender stump. In this form of foot all the weight is taken by the bucket instead of on the end of the stump; average weight, 2¼ lbs.; 2 qualities, from £4 10 0 and	6	0	0
03698	Do. do., for use after Symes's amputation with sound stump, the whole of weight being taken on the end of the stump; average weight, 2¼ lbs.; 2 qualities .. £4 4 0 and	5	0	0
03699	Circular Boot for use after Symes's amputation; weight, 1¼ lbs.	1	10	0

Surgical and Orthopædic Appliances, etc.—Contd.—



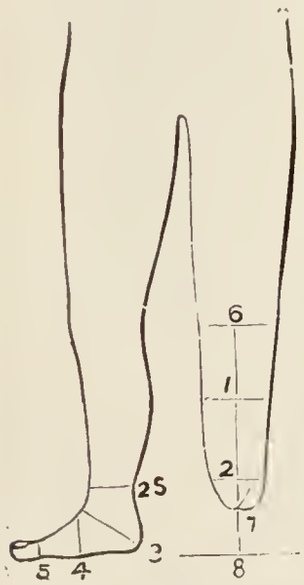
03700



03701

03702

No.	**Artificial Feet, etc.,** for Medio-tarsal Amputation—	£	s.	d.
03700	Foot with moulded leather calf piece and steel side supports, the weight being taken partly on the leg piece and partly on the end of the stump (a special boot is usually required); average weight, 2½ lbs.	4	10	0
03701	Foot with steel support from back to front shaped to the lines of the stump, the entire weight being taken on the end of the stump	3	5	0
03702	"Elephant" Boot, leather, to lace.. .. .. .. from	1	14	0



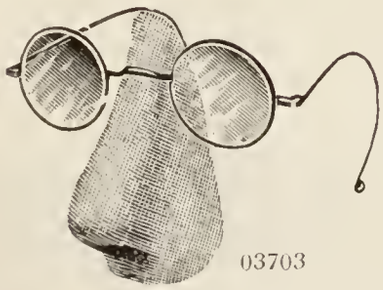
DIRECTIONS FOR MEASUREMENT FOR ARTIFICIAL FEET AND CIRCULAR BOOTS.

CIRCUMFERENCE.—No. 1 of calf.
No. 2 of ankle.
No. 3 of heel of sound foot.
No. 4 of instep of sound foot.
No. 5 of joints of toes of sound foot.
LENGTH.—No. 6 to 8 from centre of knee to ground.
No. 7 to 8 from end of stump to ground.

Send a tracing on paper of the stump and of the sound foot.

State whether required for the right or left side.

The measurements of the sound foot are not required in the case of a circular boot.



03703

03704

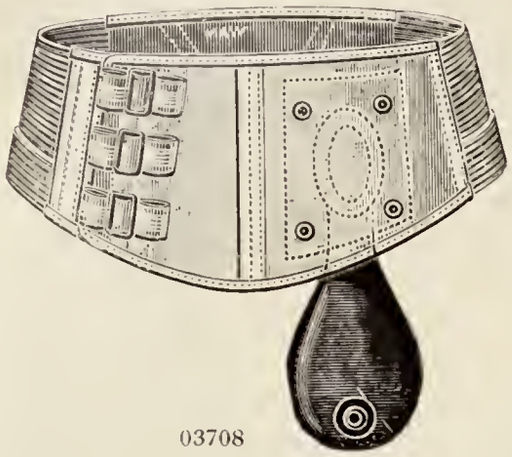
03705

03703	**Artificial Noses,** fitted to spectacle frame, celluloid, from **42/-**; silver, from	4	4	0

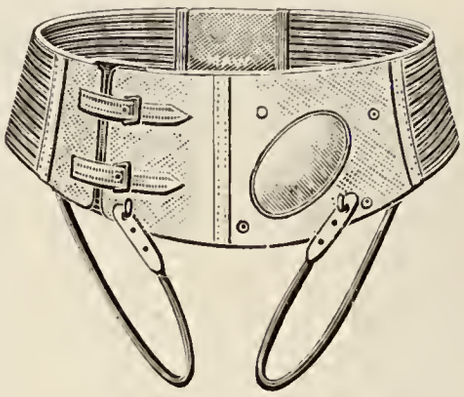
Noses are only made to order and cannot be undertaken unless the patient is prepared to pay two visits to 11, Aldersgate Street, firstly to have a mould made, and secondly to have the appliance fitted and coloured.

03704	**Bunion Spring,** with leather or elastic instep strap	0	7	6
03705	Do. do., for night and day..	0	7	6

Surgical and Orthopædic Appliances, etc.—Contd.—

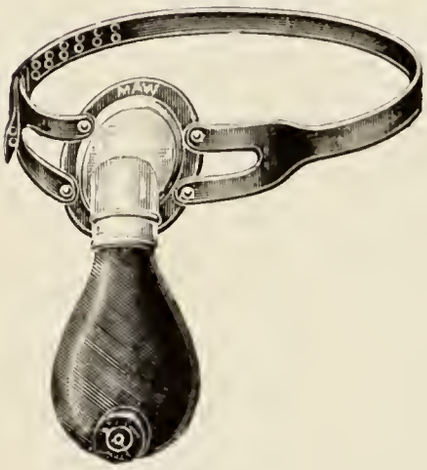


03708



03710

No.	Belts, Cups and Pads for Colotomy—	£	s.	d.
03706	*Brewis's Belt, with plated cup and india-rubber receiver ..	2	15	0
03707	* Do. do., with silver cup	4	0	0
03708	*Coutil Belt, with elastic sides, and detachable india-rubber cup and bag	1	11	6
03709	* Do. do., lined with waterproof, with india-rubber cup pad ..	0	19	6
03710	* Do. do., do., with understraps..	1	3	0



03711

03713

Sc. ½

03714

03711	*India-rubber Waist Band, with celluloid cup and india-rubber rim	1	14	0
03712	*Jean Waist Band, with detachable cup-pad..	0	16	6
03713	*India-rubber Bag, with celluloid cup and inflatable rubber rim..	1	1	0
03714	* Do. do., Birch's, with vulcanite mount	0	18	0

03716

03715

Sc. 1/3

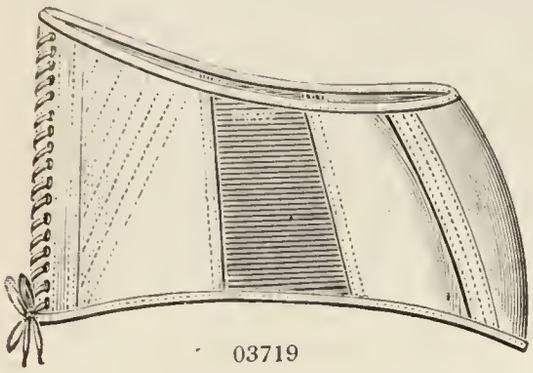
03718

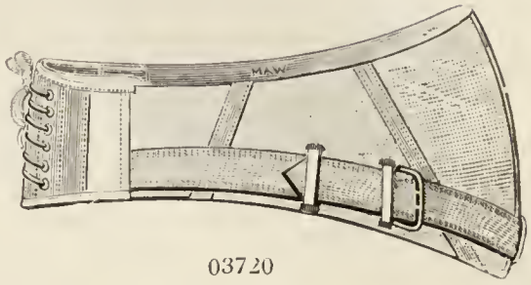
03717

03715	*Cup, celluloid, with india-rubber rim	0	10	0
03716	Do. india-rubber, oval or round	0	7	6
03717	India-rubber Pad with plug	0	7	6
03718	Do. do. do., Lane's	0	6	6

* Made to order only.

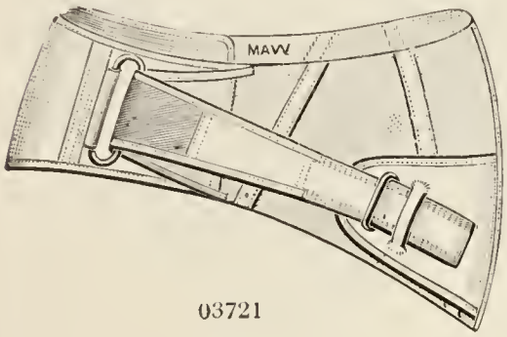
Surgical and Orthopædic Appliances, etc.—Contd.—


03719

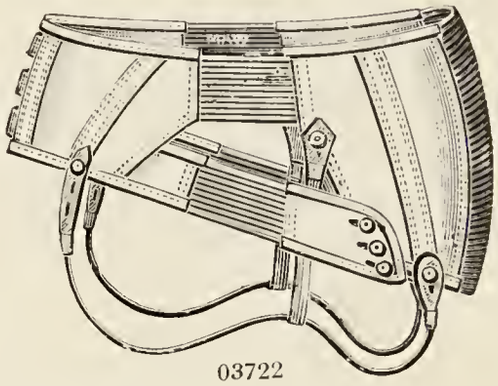


03720

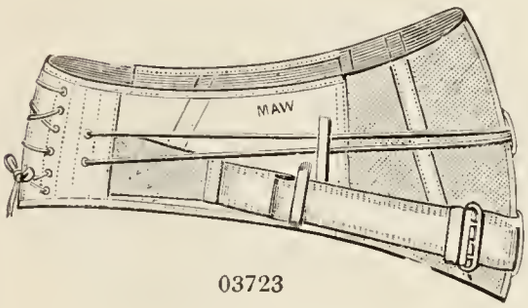
No.	Belts for Abdominal Support and Obesity—	£	s.	d.
03719	*Coutil, with woven cotton elastic sides, and corset back, laced ..	1	10	0
03720	*Drab Elastic Thread (extra stout), laced back, leather fittings, and webbing fulcrum strap	0	17	6



03721


03722

03721	*Elastic, with fulcrum and side fastening, for pregnancy cotton, **15/-**; silk	1	1	0
03722	*Elastic and Jean, "Hipless," with buckled back, and india-rubber understraps	0	18	0



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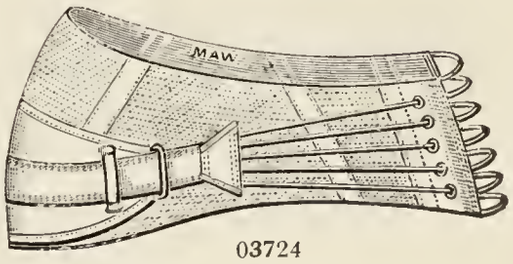
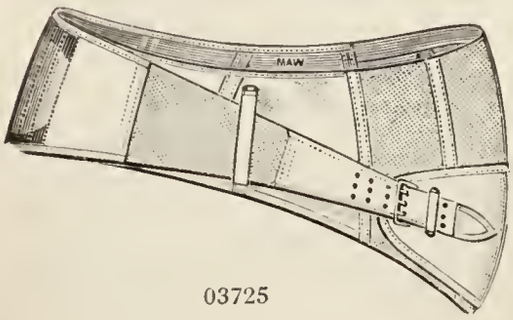


03724

03723	Elastic-Silk Front, with jean back, draw cord and fulcrum strap, to buckle	0	16	6
03724	Elastic-Cotton, with draw lace and fulcrum, for pregnancy ..	0	15	0



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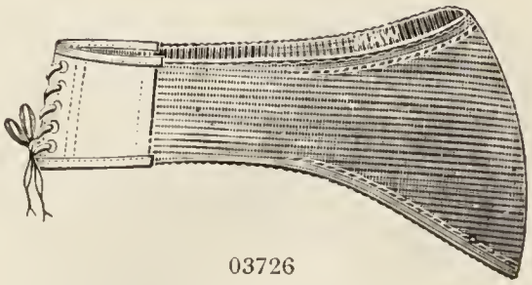
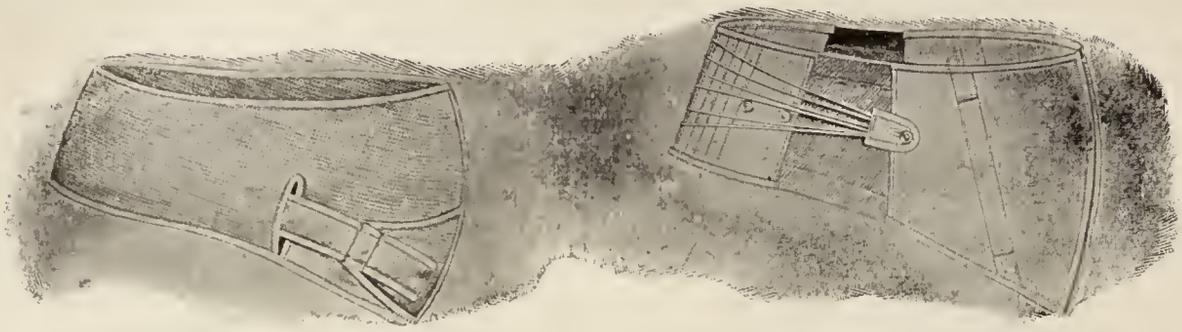

03726

03725	*Elastic-Cotton Front and jean back, with fulcrum and elastic hip pieces, for pregnancy, "The Adjustable"	0	17	0
03726	Elastic-Cotton (stout), woven in one piece, boneless, to lace, "The Simplex"	0	12	0

(*Directions for Measurement, see page* 457.)

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—



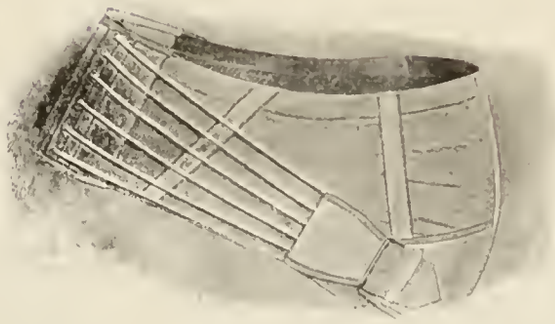
03727 03728

No.	**Belts,** for Corpulence and Obesity—**Contd.**—	£	s.	d.
03727	Cellular cloth, with draw fulcrum	0	4	6
03728	*Coutil, with woven elastic sides, buttoned front and draw lace, for gentlemen	0	15	6

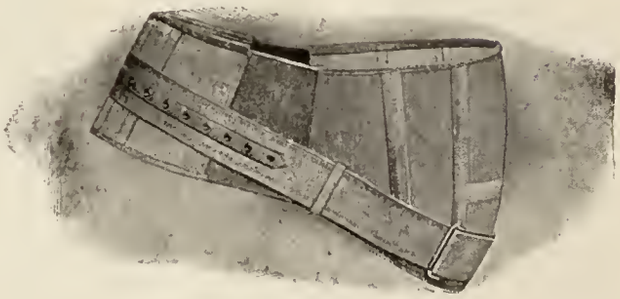
03729

03730

03729	*Cotton-elastic, with divided front and regulating lace	0	17	6
03730	*Cotton-elastic, with laced back and india-rubber thigh straps ..	0	16	6



03731



03732

03731	Cotton-elastic, with draw lace and fulcrum..	0	15	0
03732	Coutil, drab, with elastic sides and strap fulcrum..	0	11	0

03733

03734

03733	Drill, with elastic sides and draw fulcrum	0	5	6
03734	Elastic, with fulcrum and side laces, 2 qualities, silk, 22/6; cotton	0	15	0

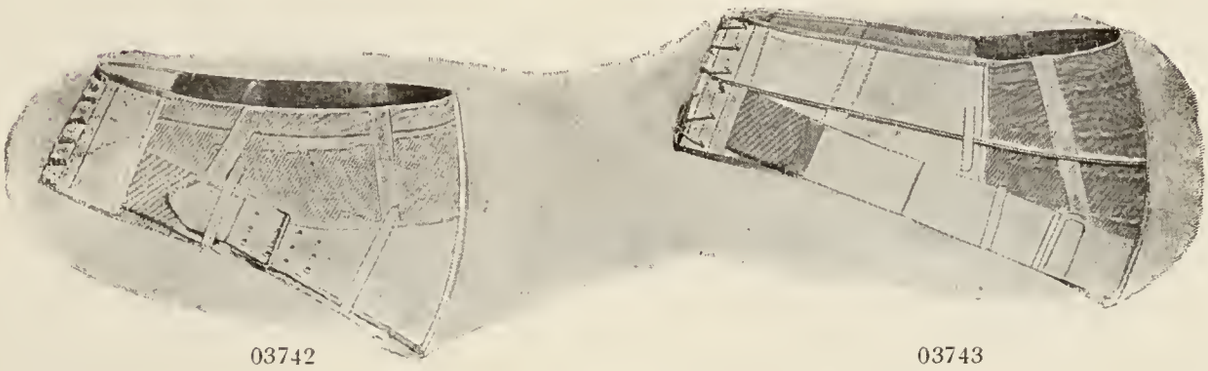
(*Directions for Measurement, see page* 457.)

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

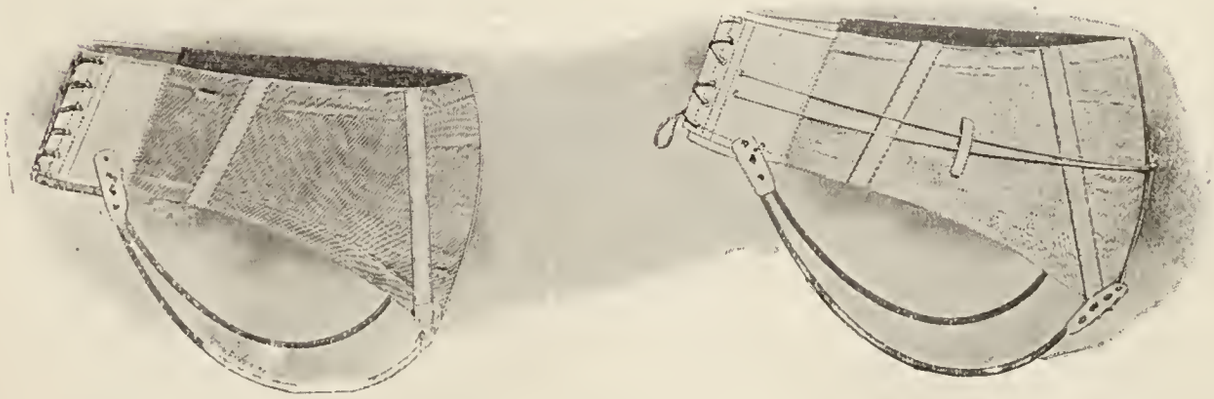
03735 03736-37

No.	**Belts,** for Corpulence and Obesity—**Contd.**—	£	s.	d.
03735	Elastic front, with jean back and draw lace, 2 qualities silk, **13/6**; cotton	**0**	**10**	**6**
03736	Elastic, with laced back, 2 qualities .. ,, **19/6**; ,,	**0**	**13**	**6**
03737	* Do. do., fitted with ordinary size pad No. 03771, 03772 or 03773, for Floating Kidney, silk	**1**	**5**	**0**
03738	Elastic, with buckled front, fitted with oval pad for Appendicitis	**1**	**2**	**6**
03739	*Elastic, with buckled front, silk, fitted with pad No. 03716 or 03717, for Inguinal Colotomy	**1**	**7**	**6**
03740	Moleskin, with silk elastic sides, to buckle in front, for gentlemen's use	**0**	**7**	**3**
03741	*Elastic, with buckled front, silk	**0**	**19**	**6**



03742 03743

03742	Silk-elastic, with laced back and fulcrum	**1**	**2**	**6**
03743	Silk-elastic front, with jean back, fulcrum straps and buckles ..	**0**	**16**	**6**



03744 03745

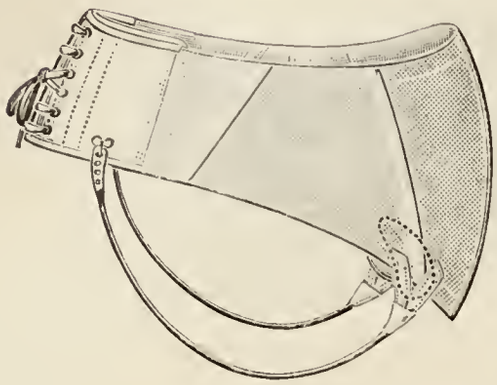
Belts, for Inguinal Hernia—

03744	*Cotton-elastic, with laced back, india-rubber Inguinal pads, and under-straps	**1**	**3**	**0**
03745	*Silk-elastic, with regulating lace, india-rubber Inguinal pads and under-straps	**1**	**10**	**0**

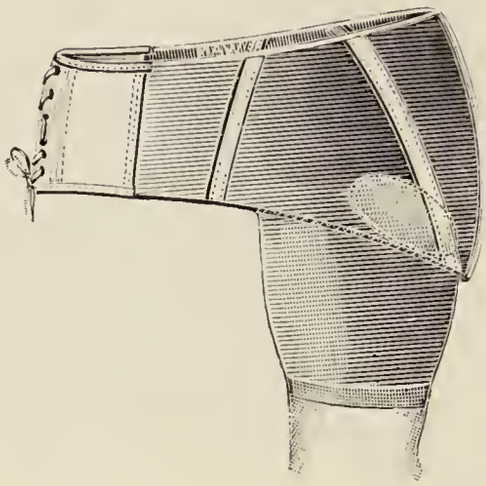
(*Directions for Measurement, see page* 457.)

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—



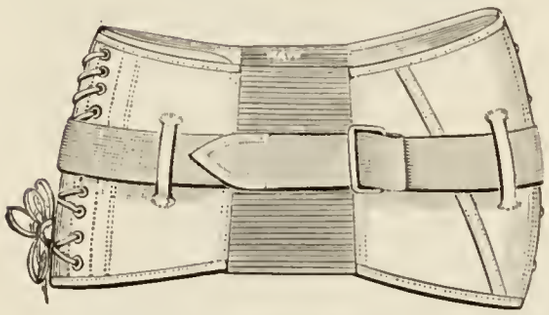
03746-47



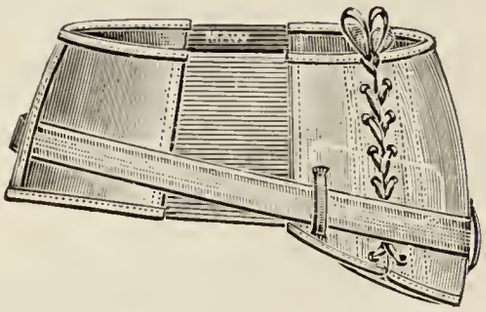
03748

Belts, for Inguinal Hernia—**Contd.—**

No.		£	s.	d.
03746	*Elastic, with laced back, pads and india-rubber understraps, cotton, each	1	3	0
03747	* Do. do. do. do., silk, ,,	1	10	0
03748	*Elastic-Cotton, with laced back, thigh-piece and pad .. ,,	1	2	6



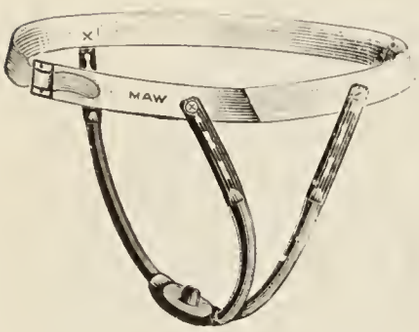
03749



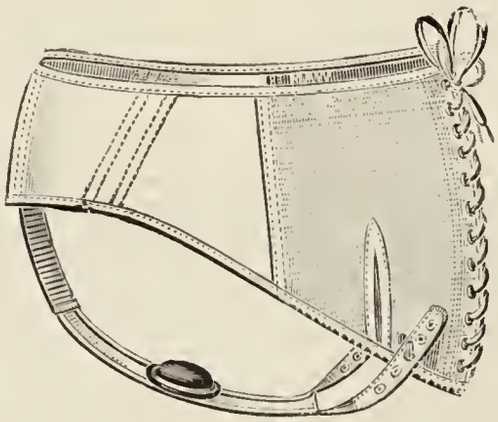
03750

Belts, for Floating Kidney—

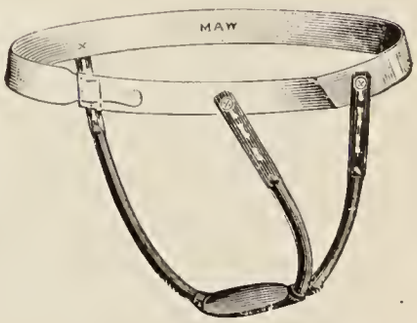
03749	*Bonney's, without pad, to fasten back and front, coutille, with elastic sides and elastic strap .. .. each	0	13	0
03750	*Morris's, sateen with elastic sides, to lace each side of front, with strap-fulcrum and pad .. .. each	0	15	6



03751



03755



03753

Belts, for Rectal and Uterine Support—

03751	Jean Band, with india-rubber pad, for rectal support .. each	0	6	0
03752	Do. do. do., to inflate .. .. ,,	0	6	6
03753	Do. do. do., for uterine support .. ,,	0	6	0
03754	Do. do. do., to inflate .. .. ,,	0	6	6
03755	*Blundell's, with pad attachment, stout elastic front laced, and jean back .. .. each	0	19	0

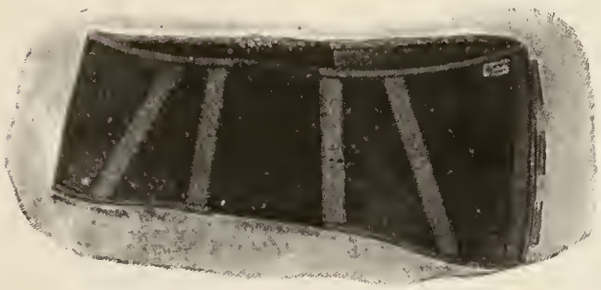
(*Directions for Measurements, see page* 457.)

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

03756 03757

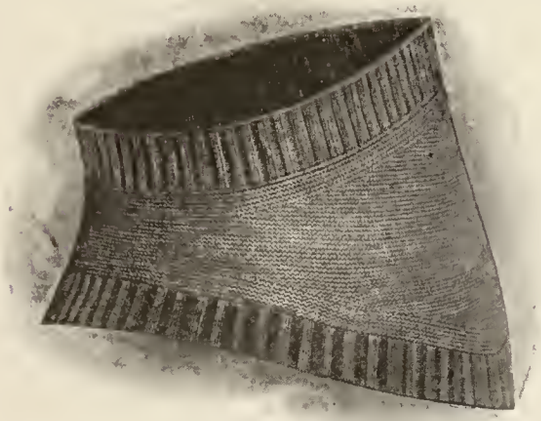
No.	**Belts,** for Umbilical Hernia—	£	s.	d.
03756	*Cotton-elastic, with laced back, and inflated pad	1	4	0
03757	*Cotton-elastic, with moulded leather cup for Irreducible Hernia..	1	11	6
03758	Cotton-elastic, stout, 5½ in. wide, with pad, to lace at back ..	0	13	6

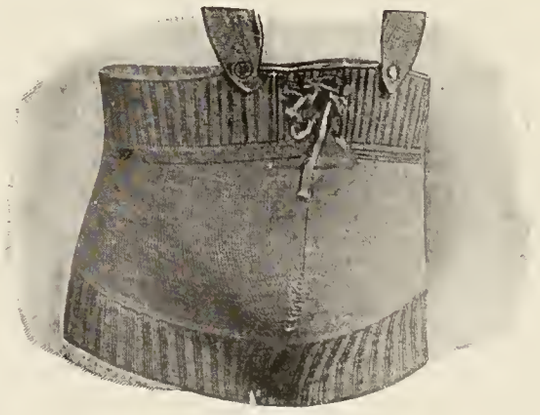


03759 03760

Belts, for Lumbago or Cholera—

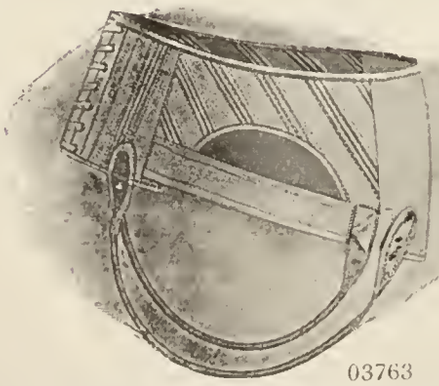
03759	Felt, with elastic sides, to buckle in front, red, 28 to 40 in. ..	0	7	6
03760	Flannel, quilted, with elastic sides, to buckle in front	0	6	0





03761 03762

03761	Knitted wool, natural colour, to draw on (Zims-band)	0	2	6
03762	Do. do., with thigh-pieces and shoulder-straps ..	0	6	0

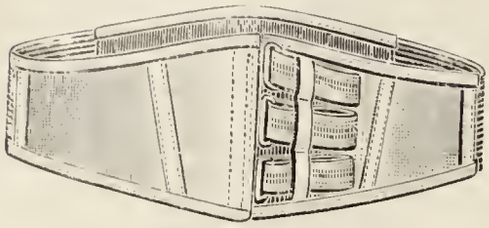


03763 03764

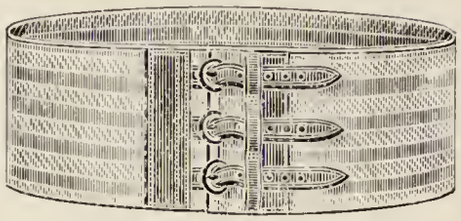
03763	***Belt,** for Ovariotomy, drab jean, with back and front fastenings ..	0	9	6
03764	***Belts,** for Riding, drab coutil, with elastic sides, to buckle in front..	0	11	6

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

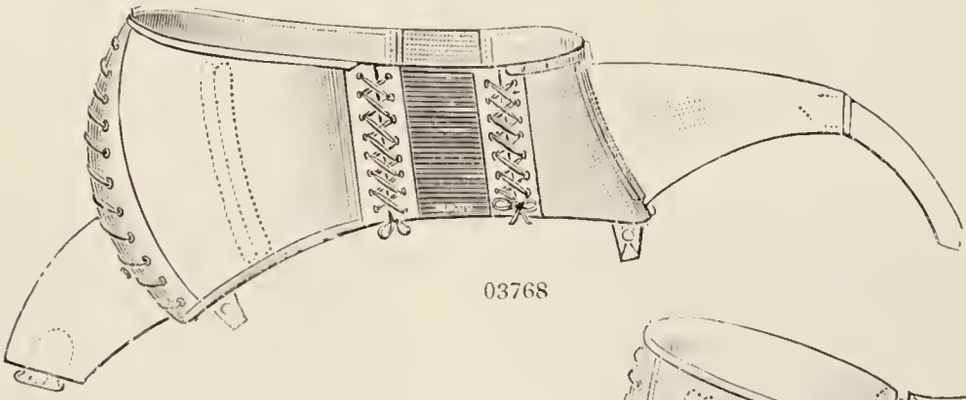


03765

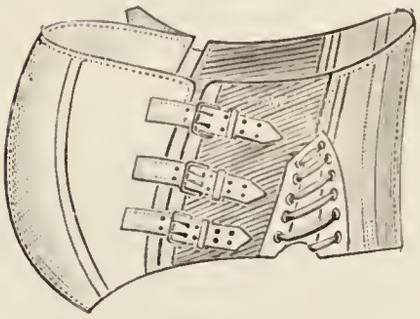


03766

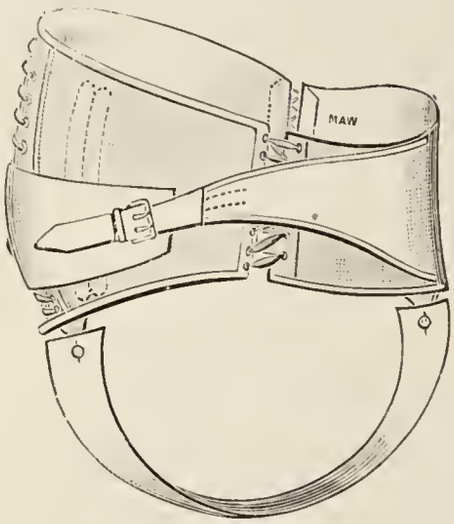
No.	**Belts,** for Riding—**Contd.**—	£	s.	d.
03765	Web, stout, with elastic sides and buckskin fittings, to buckle..	0	6	6
03766	Web, with leather fittings, to buckle	0	1	9
03767	Do. with jean fittings, to buckle	0	1	6



03768



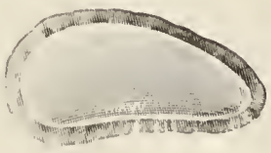
03770



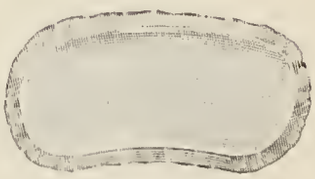
03769

	Belt, for Pregnancy and after—			
03768	*Coutil, with adjustable laced front, buckled fulcrum strap, and laced elastic insertion at sides..	1	1	0
03769	*Same Belt as No. 03768, in use as a binder after pregnancy, with front lace drawn tight, elastic insertion removed, and under strap in position			
	Belt, for Ascites—			
03770	*Coutil, with elastic sides, to buckle on either side, with laced gusset over hips	1	5	0

03771



03772



03773

	Belt Pads, etc., for Special Conditions—			
03771	Kidney Pad, to inflate	0	4	0
03772	Do. pear shape	0	3	6
03773	Do. oval, with depression..	0	4	6

(*Directions for Measurements, see page* 457.)

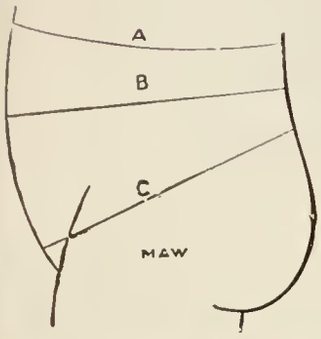
* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

DIRECTIONS FOR MEASUREMENTS FOR BELTS, ETC.

Circumference at A, B and C.

Depth from A to C in the middle line, taken in the upright position.

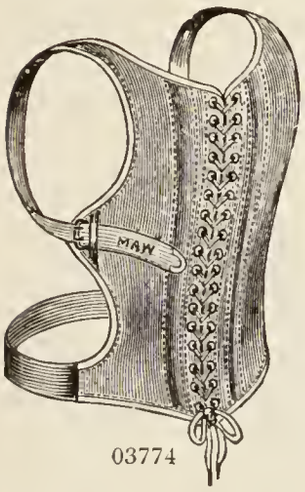


Dimensions of Stock Sizes.

No.	1	2	3	4	5	6	7	8
Circumference at A ..	23	25	26	28	29	31	33	35
Do. at B ..	26	28	30	32	34	36	38	40
Do. at C ..	28	30	32	34	36	38	40	42
Length A to C (in front)	8½	9	9½	10	10½	11	11½	12

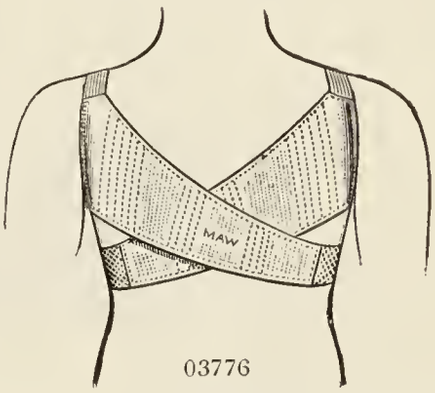
N.B.—Stock size belts cannot be received back after having been tried on.

Special sizes are charged at a higher rate than stock sizes, and when sent out are not returnable.



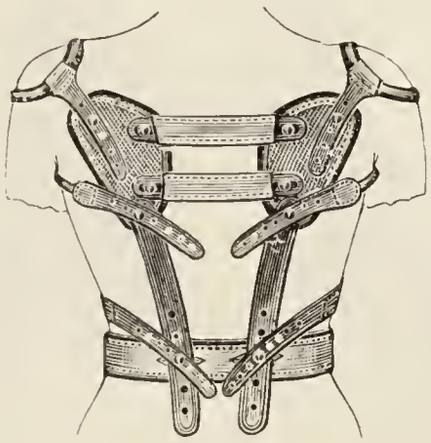
03774

03775

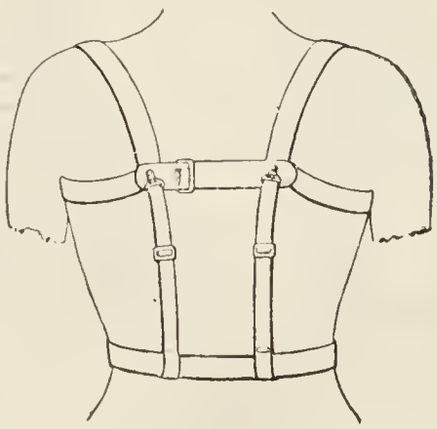


03776

No.	**Braces,** for Round Shoulders, etc.—	£	s.	d.
03774	Coutil, with elastic supports and regulating lace, 2 qualities 2/9 and	0	5	6
03775	Walsham's, with india-rubber bracing straps	0	10	6
03776	Jean, with elastic insertions and whalebone supports	0	5	6



03777

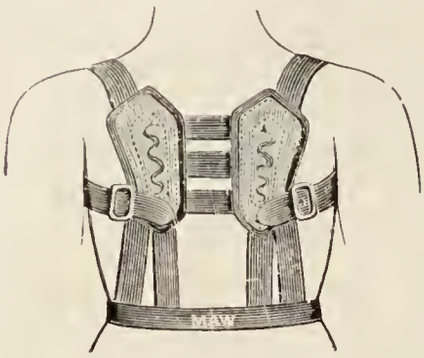


03779

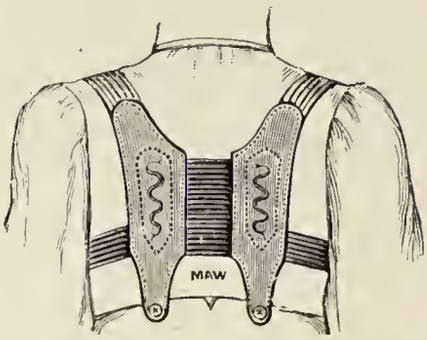
03777	*Elastic (registered), with shoulder rings and leather covered scapula plates, for ladies..	1	11	6
03778	*Do. do. do., for gentlemen..	1	0	0
03779	Skeleton Brace	0	3	6

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

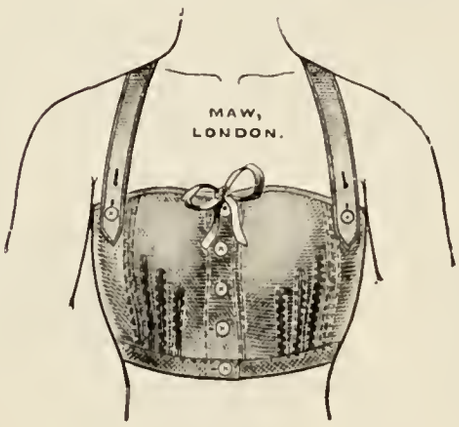


03780

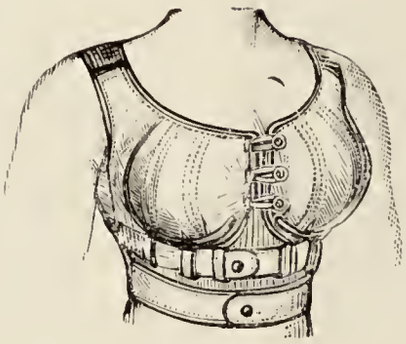


03782

No.	**Braces,** for Round Shoulders, etc.—**Contd.**—	£	s.	d.
03780	Elastic, with leather-covered steel plates, for ladies	0	7	6
03781	Do. without plates, for ladies	0	7	0
03782	Do. with leather-covered steel plates, for gentlemen.. ..	0	8	6
03783	Do. without plates, for gentlemen	0	8	0



03784

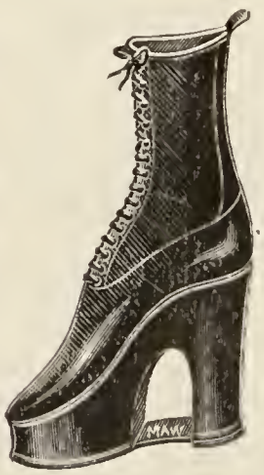


03785

Breast Supports—

03784	*Linen, with web shoulder-straps	0	5	0
03785	* Do. with regulating back-straps .. .. from	0	12	6

03786



03787

03788

03789

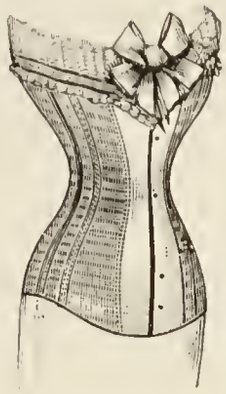
Cork Sole Boots—

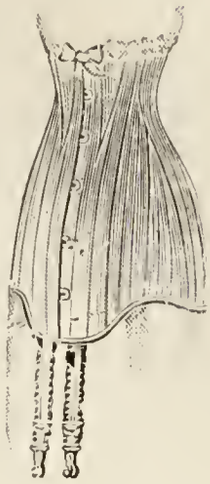
03786	*Outside cork, for shortened limb .. .. from	1	15	0
03787	* Do. do., for use with extended foot .. .. .. ,,	1	17	6
03788	*Combined outside and inside concealed cork, for cases of contracted knee with drawn-up heel .. .. .. from	1	15	0
03789	*Inside concealed cork, for a shortened limb, in cases of old-standing hip joint disease .. .. from	2	15	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

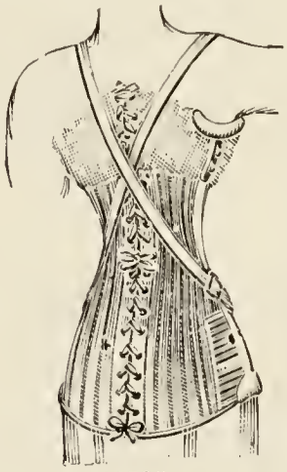
03791


03792


03793

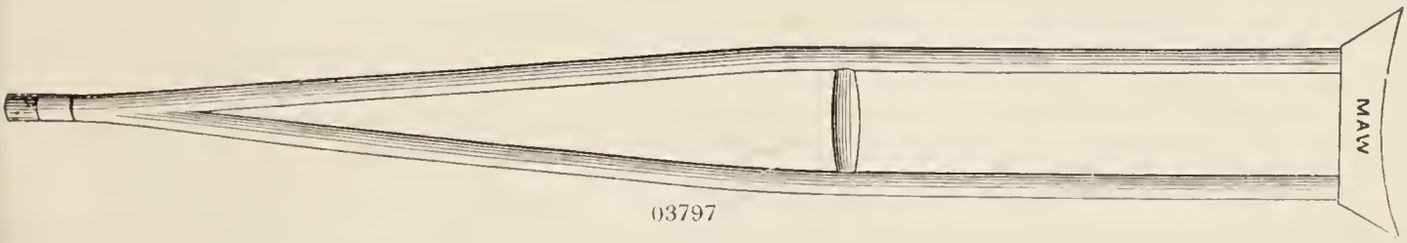
No.	**Corsets,** for Surgical Cases, etc.—	£	s.	d.
03790	*For Children, with shoulder straps	0	17	0
03791	*For general support .. .. from	1	8	6
03792	* Do. do., "Elasto-Surgical," in various shades ..	1	2	6
03793	Do. do., "Health Featherweight," natural colour, washable, three qualities .. .. .. 7/6, 8/6 and	0	10	6

03794

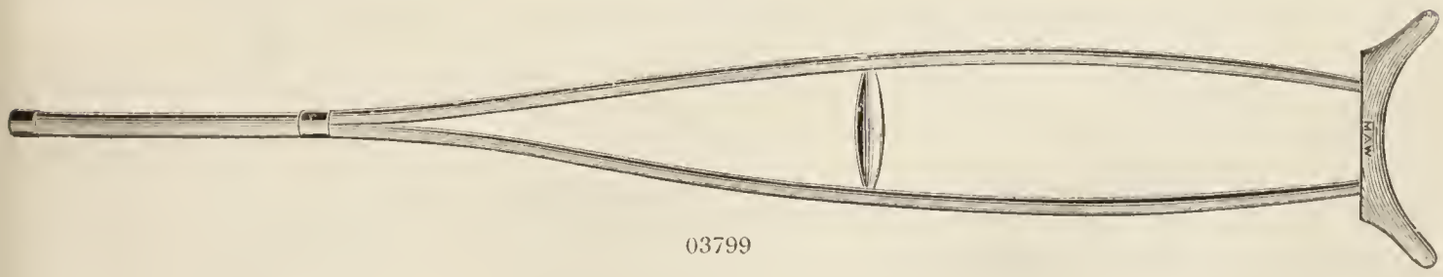

03795

03796

03794	*For round shoulders	1	15	0
03795	*For spinal weakness, fitted with steel supports and arm crutches	2	2	0
03796	*With belt attachment	2	4	0



03797



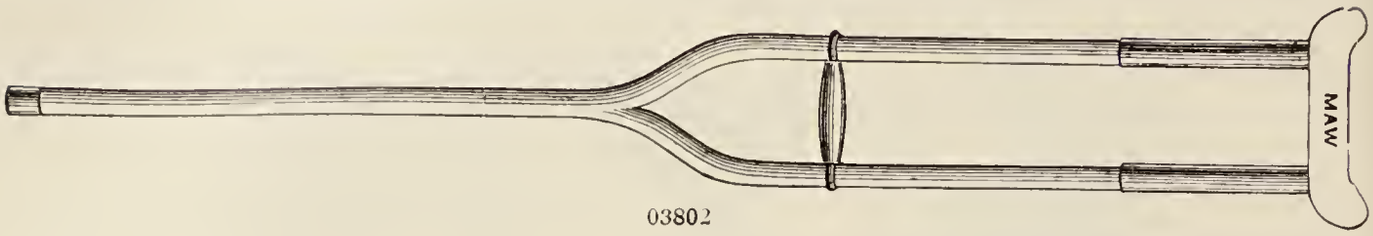
03799

Crutches—

03797	Double, French, with padded head, polished black .. per pair	0	17	6
03798	Do. do., "B" quality .. .. .. ,,	0	13	6
03799	Do. split ash, plain head, common, with rubber shoes ,,	0	3	9
03800	Do. do., with padded head, natural colour ,,	0	16	0
03801	Do. do., "B" quality .. .. .. ,,	0	13	0

* Made to order only.

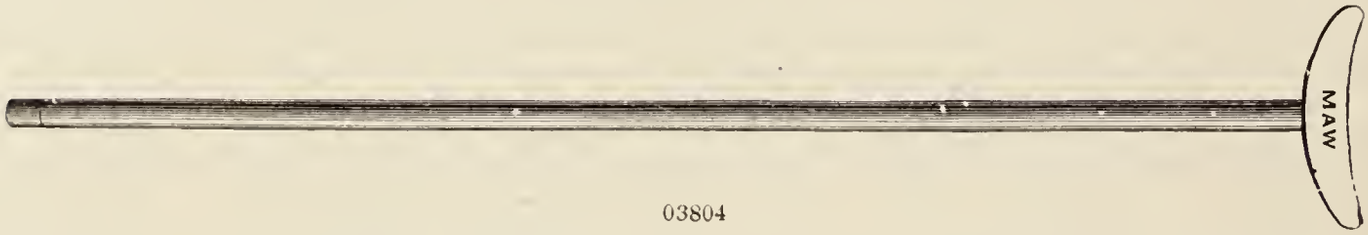
Surgical and Orthopædic Appliances, etc.—Contd.—



03802

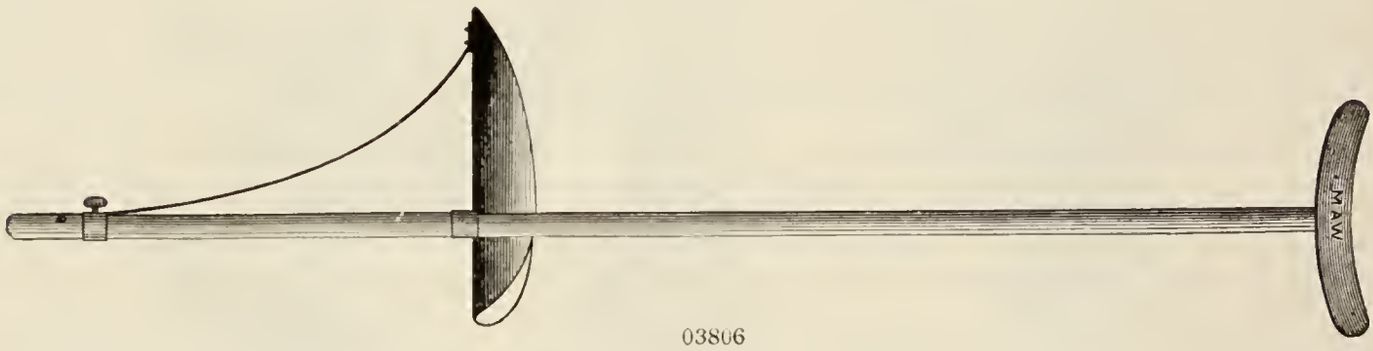
Crutches—Contd.—

No.		£	s.	d.
03802	Double, with spring sides, padded head, and brass fittings, polished natural colour .. .. per pair	2	2	0
03803	Do. do., "B" quality .. .. ,,	1	19	0



03804

03804	Single, plain stick, hospital pattern .. .. per pair	0	2	0
03805	Do. do., polished black, with padded head ,,	0	6	6

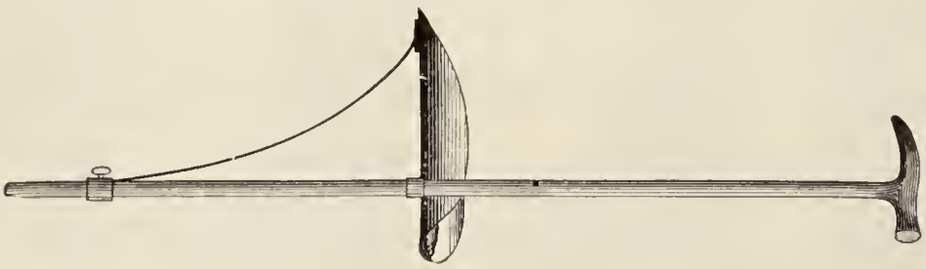


03806

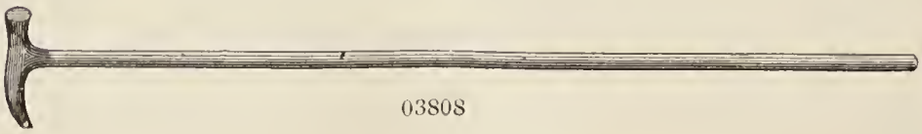
03806	Single stick, with knee rest .. .. each	0	17	6

All Crutches, except Nos. 03799 and 03804, are supplied with leather shoes, but india-rubber shoes can be substituted, at the same price, if desired. When ordering, state length from axilla to ground, taken whilst patient is standing in the erect position, and in the case of No. 03806, state whether required for the right or left side.

In the event of one crutch only being required, it will be made to order at an additional charge of 6*d., with the exception of Nos.* 03804, 03805 *and* 03806.



03807



03808

03807	*Walking Stick Crutch, with knee rest .. .. .. each	0	17	6
03808	Do. do., plain .. .. ,,	0	3	6
	Crutch Shoes—			
03809	Leather .. .. per pair	0	1	6
03810	India-rubber, best quality .. .. per pair, 1 in., 3/-; $\frac{3}{4}$ in.	0	2	3
03811	Do. do., medium quality .. ,, 1 in., 1/3; $\frac{3}{4}$ in.	0	1	0

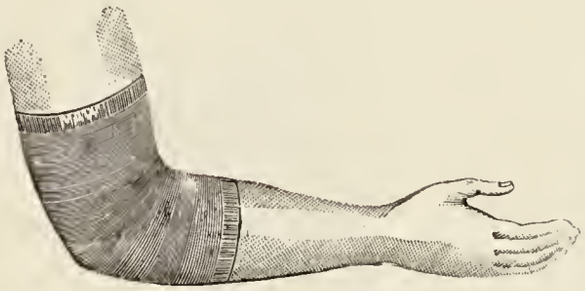
Surgical and Orthopædic Appliances, etc.—Contd.—

Elastic Hosiery, etc.—

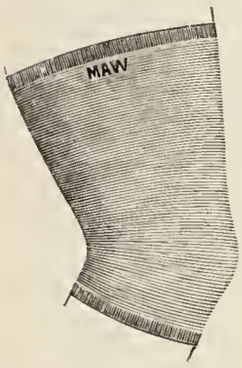
It is desired to call special attention to the registered trade marks which distinguish S. Maw, Son & Sons' two brands of Hosiery. The super quality is known as the "Orion" Brand, and the ordinary quality as the "Vega" Brand, and all goods are marked with a facsimile of one or other of the accompanying designs.

The Brand required must be definitely stated when ordering.

Anklet.



Elbow Cap.



Knee Cap.

Knee Cap to Lace.

Knee Leggings.

Elastic Hosiery, etc.—

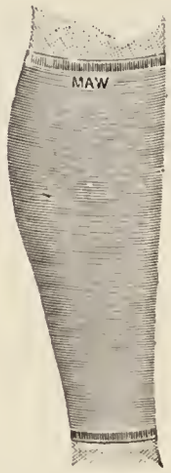
Maw's "Orion" Brand—		Silk, per pair.				Cotton, per pair.			
No.		*Super-fine.	Stout.	Ordinary quality.	Pearl.	*Super-fine.	Stout.	Ordinary quality.	Drab.
03812	Anklets	10/6	7/6	6/-	5/-	6/6	5/-	4/-	3/3
03813	* Do., to lace ..	—	11/2	9/3	—	—	8/-	7/2	—
03814	*Armlets	7/4	6/4	5/4	—	5/4	4/4	4/2	—
03815	*Elbow Caps ..	—	8/2	—	—	—	5/-	—	—
03816	Knee Caps	11/2	8/2	6/9	5/6	6/9	5/-	4/3	3/3
03817	* Do., to lace ..	—	11/3	10/-	—	—	7/8	7/-	—
03818	*Knee Leggings ..	24/-	17/-	14/6	—	14/3	10/9	9/4	—
03819	* Do., to lace ..	—	24/-	21/6	—	—	16/6	15/-	—

These prices are for ordinary sizes up to No. 8.

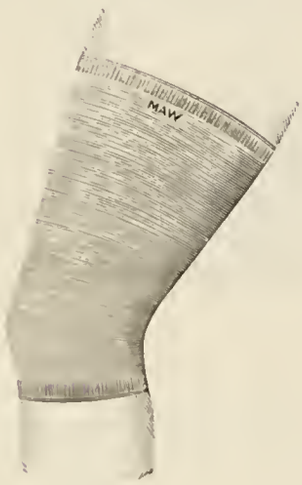
* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable. Drab and pearl goods cannot be made to special sizes.

Surgical and Orthopædic Appliances, etc.—Contd.—

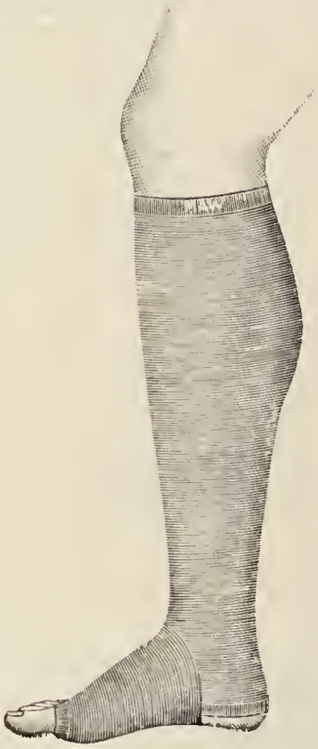
Knee Stocking.



Legging.



Thigh Knee Cap.



Stocking.

Elastic Hosiery, etc.—Contd.—

Maw's "Orion" Brand—		Silk, per pair.				Cotton, per pair.			
No.		*Super-fine.	Stout.	Ordinary quality.	Pearl	*Super-fine.	Stout.	Ordinary quality.	Drab.
03820	Knee Stockings	28/-	20/-	16/8	—	16/-	12/4	10/10	—
03821	* Do., to lace ..	—	27/9	25/-	—	—	18/6	17/-	—
03822	Leggings	12/6	8/9	7/8	6/-	7/4	5/8	4/9	3/6
03823	* Do., to lace ..	—	12/8	11/6	—	—	8/9	8/-	—
03824	Stockings	17/-	12/-	10/-	8/4	9/3	7/6	6/4	4/9
03825	* Do., "Court" silk	22/8	—	—	—	—	—	—	—
03826	* Do., to lace ..	—	16/8	14/8	—	—	11/-	10/-	—
03827	Do., "Reversible" ..	—	—	—	12/-	—	—	—	7/6
03828	*Thigh Knee Cap ..	23/-	17/-	14/-	—	14/6	10/8	9/2	—
03829	* Do., to lace ..	—	25/-	20/3	—	—	16/6	14/-	—

These prices are for ordinary sizes up to No. 8.

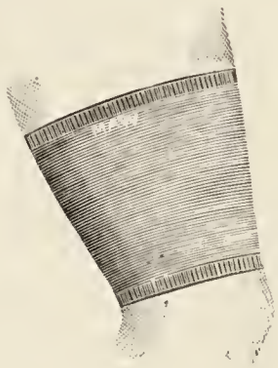
* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable. Drab and pearl goods cannot be made to special sizes.

Surgical and Orthopædic Appliances, etc.—Contd.—
Elastic Hosiery, etc.—Contd.—

Maw's "Orion" Brand—		Silk, per pair.				Cotton, per pair.			
		*Super-fine.	Stout.	Ordinary quality.	Pearl.	*Super-fine.	Stout.	Ordinary quality.	Drab.
No.									
03831	*Thigh Leggings ..	35/3	26/3	21/9	—	21/6	15/9	13/6	—
03832	Thigh Pieces ..	13/6	9/9	7/8	—	7/8	5/9	4/10	—
03833	* Do., to lace ..	—	13/10	10/6	—	—	8/10	7/8	—
03834	Thigh Stockings ..	39/4	29/4	23/10	—	23/4	17/4	14/10	—
03835	* Do., to lace ..	—	41/4	34/10	—	—	26/10	23/10	—
03836	Wristlets.. ..	—	3/2	2/8	—	—	2/4	2/-	—
03837	*Wristlet-mittens ..	—	6/4	6/-	—	—	—	—	—

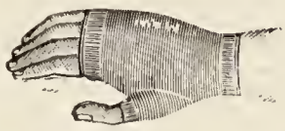
These prices are for stock sizes up to No. 8.

Thigh Legging.



Thigh Piece.

Wristlet.



Wristlet Mitten.

Thigh Stocking.

Maw's "Vega" Brand—		Silk, per pair.		Cotton, per pair.	
		Stock sizes up to No. 8.	Specials.	Stock sizes up to No. 8.	Specials.
No.					
03838	Anklets	4/9	5/9	3/-	4/-
03839	Knee Caps	5/-	6/3	3/-	4/-
03840	*Knee Leggings ..	10/2	12/-	6/4	8/4

For measurements of stock sizes and prices of sizes above No. 8, see page 466.

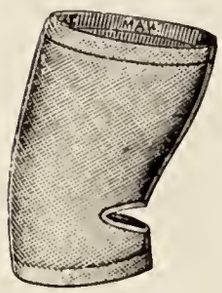
* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable. Drab and pearl goods cannot be made to special sizes.

Surgical and Orthopædic Appliances, etc.—Contd.—

Elastic Hosiery, etc.—Contd.—

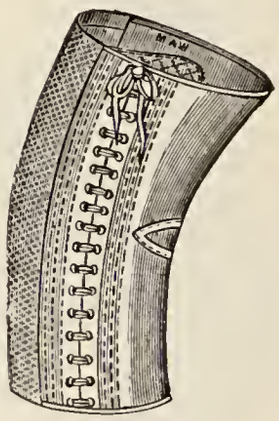
No.	Maw's "Vega" Brand—	Silk, per pair. Stock sizes up to No. 8.	Silk, per pair. Specials.	Cotton, per pair. Stock sizes up to No. 8.	Cotton, per pair. Specials.
03841	*Knee Stockings ..	11/10	14/6	7/8	10/4
03842	Leggings	5/-	6/3	3/-	4/-
03843	Stockings	6/10	8/2	4/2	5/6
03844	*Thigh Knee Caps ..	10/4	12/4	6/8	8/8
03845	*Thigh Leggings ..	15/-	17/8	9/8	12/4
03846	*Thigh Pieces ..	5/3	6/8	3/6	4/9
03847	*Thigh Stockings ..	16/4	19/-	11/-	13/8

For measurement of stock sizes and prices of sizes above No. 8, see page 466.



03848

03852



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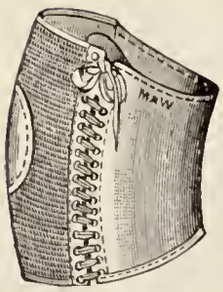
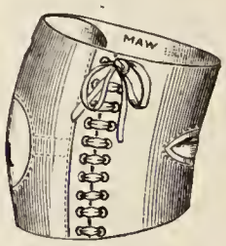


03851



03850

Knee Caps for Athletes, etc.—

No.			£	s.	d.
03848	*Stout Silk	each	0	5	9
03849	*Elastic, with coutil back, to lace	,,	0	7	6
03850	*Elastic front, moleskin back, to lace	,,	0	6	0
03851	*Spiral Wire, with mole back, to lace (specially recommended for football players)	each	0	16	6
03852	*Stockings, silk, spiral, to draw on	per pair	1	19	0

For measurements, etc., see page 466.

* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable. Drab and pearl quality goods cannot be made to special sizes.

Surgical and Orthopædic Appliances, etc.—Contd.—

Elastic Hosiery, etc.—Contd.—

DIRECTIONS FOR MEASUREMENTS FOR ELASTIC HOSIERY.

In all cases the exact measurements of the limb taken next to the skin must be sent. The necessary allowance will be made for expansion. Measurements should be taken on first rising in the morning, as the limb is then in its most natural condition.

Anklets.

Circumference at E, S, N and T.
Length from E to H and T to X along dotted line.

Knee Caps.

Circumference at A, B, and C.
Length from A to B and B to C along dotted line.

Elbow Caps.

Circumference above, across, and below elbow joint.
Length from top measurement to centre of elbow, and from centre of elbow to bottom measurement.

Knee Leggings.

Circumference at A, B, C, D, and E.
Length from A to C and C to E along side of leg.

Knee Stockings.

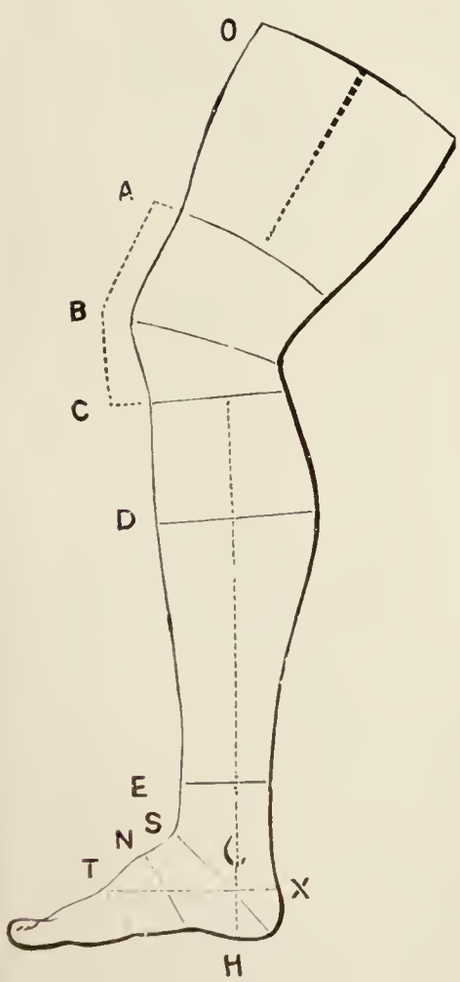
Circumference at A, B, C, D, E, S, N, and T.
Length from A to C, C to H, along side of leg, and T to X, along dotted line.

Leggings.

Circumference at C, D, and E.
Length from C to E, along dotted line.

Stockings.

Circumference at C, D, E, S, N, and T.
Length from C to H and T to X along dotted line.



Thigh Knee Caps.

Circumference at O, A, B, and C.
Length from O to A, A to B, and B to C, along dotted line.

Thigh Leggings.

Circumference at O, A, B, C, D, and E.
Length from O to A, A to C, and C to E, along side of leg.

Thigh Pieces.

Circumference at O and A.
Length from O to A along dotted line.

Thigh Stockings.

Circumference at O, A, B, C, D, E, S, N, and T.
Length from O to A, A to C, C to H, and T to X, aiong dotted lines.

Wristlets.

Circumference over bony prominences of wrist and 3 in. above.

Wristlet-Mittens.

Circumference over broadest part of hand excluding thumb.

Circumference round base of thumb.

Circumference over bony prominences of wrist, and 3 in. above.

State for which hand required, right or left.

Surgical and Orthopædic Appliances, etc.—Contd.—

Elastic Hosiery, etc.—Contd.—

SCALE OF MEASUREMENTS FOR ORDINARY SIZES.

(The Measurements given below are the actual measurements of the Hosiery and not the measurements of the leg.)

Circumferences.

Size.	O	A	B	C	D	E	N	T
No. 1	13½	10½	9½	8½	9½	6½	7½	6½
No. 2	14	11	10	9	10	6¾	7¾	6¾
No. 3	14½	11½	10½	9½	10½	7	8	7
No. 4	15	12	11	10	11	7¼	8¼	7¼
No. 5	15½	12½	11½	10½	11½	7½	8½	7½
No. 6	16	13	12	11	12	7¾	8¾	7¾
No. 7	16½	13½	12½	11½	12½	8	9	8
No. 8	17	14	13	12	13	8¼	9¼	8¼

Lengths.

	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
Anklets	6	6¼	6½	6¾	7	7¼	7½	7¾
Knee Caps	7¾	8	8¼	8½	8¾	9	9¼	9½
Knee Stockings	20¾	21½	22¼	23	23¾	24½	25	25½
Leggings	10	10½	11	11½	12	12½	12¾	13
Stockings	14	14½	15	15½	16	16½	16¾	17
Thigh Knee Caps	13½	14	14½	15¼	15½	15¾	16⅛	16½
Thigh Pieces	7	7¼	7½	7¾	8	8¼	8½	8¾
Thigh Stockings	26½	27½	28½	29½	30¼	31	31¾	32½

Length is taken from top of Stocking to ground.

Stock sizes cannot be received back after having been tried on.

Extra Prices for "Outside" Sizes.

N.B.—Goods made to order are not returnable.		For making to special measurements.	For each size above No. 8.	
		Silk or Cotton.	Silk.	Cotton.
Anklets	per pair	-/6	-/4	-/2
Knee Caps	,,	-/6	-/4	-/2
Knee Leggings	,,	1/-	-/9	-/6
Knee Stockings	,,	1/-	-/9	-/6
Leggings	,,	-/6	-/4	-/2
Stockings	,,	-/10	-/6	-/4
Thigh Knee Caps	,,	-/8	-/6	-/4
Thigh Leggings	,,	1/-	1/-	-/8
Thigh Pieces	,,	-/6	-/4	-/2
Thigh Stockings	,,	1/-	1/-	-/8
Wristlets	,,	-/4	-/4	-/2

N.B.—A Register is kept of all special sizes made to order, and any such order can be repeated upon giving the registered number sent out with the goods.

Surgical and Orthopædic Appliances, etc.—Contd.—

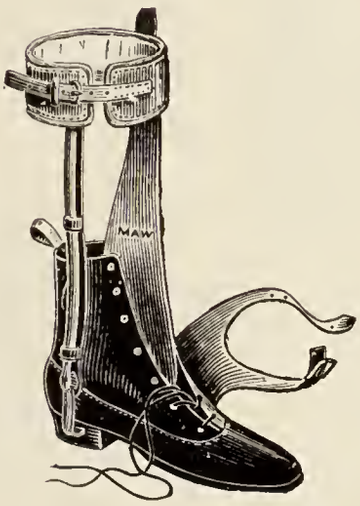
03853

03855

03854

03856

No.	**Flat Foot Appliances** (Talipes Valgus)—	£	s.	d.
03853	Valgus Pads, india-rubber, for fixing in the boot, 6 sizes, per pair : No. 1, 5½ in., **1/6** ; No. 1A, 4¾ in., **1/4** ; No. 2, 4½ in., **1/-** ; No. 2A, 4 in., **-/10** ; No. 3, 3½ in., **-/6** ; No. 4, 2 in. ..	0	0	4
03854	Valgus Plates or Flat Foot Socks, metal, covered with leather, 2 qualities, per pair **12/-** ; and	0	6	0
03855	Do. do., German silver .. .. .. per pair	0	4	6
	When ordering send tracing of foot, or size of boots usually worn.			
03856	*Whitman's Brace, nickel silver .. .. .. per pair	0	10	6



03857

03859

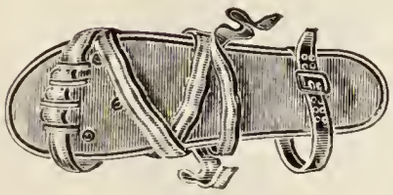
03857	*Walsham's Boots, with spring and T-strap .. per pair	4	7	6
03858	**Foot Sling,** with leather suspension strap and padded neck band ..	0	10	6
03859	***Fractured Nose Appliance,** with cartilage levers .. .. from	1	15	0

DIRECTIONS FOR MEASUREMENT.

Circumference of head at level of forehead. State to which side the nose is deflected.

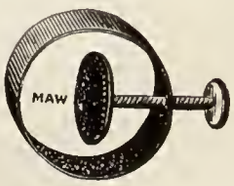
Gonorrhœa or Gleet Bags—

03860	Jean Bag, lined with waterproof .. .. .. per doz.	0	8	6
03861	Waterproof Bag, with tape band .. .. .. ,,	0	7	0



03863

03864



03866

***Hammer Toe Plates**—

03862	With band for keeping the affected toe in its normal position ..	0	8	6
03863	Do. do., for two or more toes, with instep strap	0	9	6

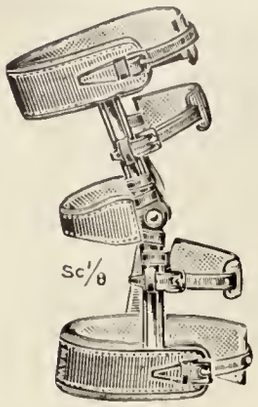
DIRECTIONS FOR MEASUREMENT.

Send tracing of foot on paper, with a cross against the affected toes.

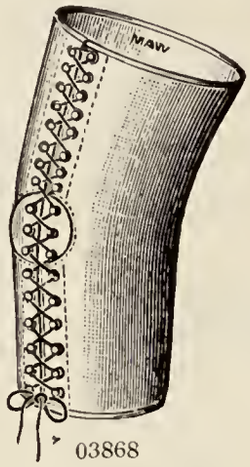
03864	**Housemaid's Knee Cap,** india-rubber	0	7	6
03865	**Housemaid's Knee Pad**	0	5	6
03866	**Jugum Penis,** for controlling incontinence of urine in children ..	0	4	0

* Articles marked with an asterisk are made to order only, and such, when sent out, are not returnable.

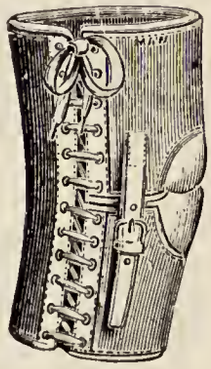
Surgical and Orthopædic Appliances, etc.—Contd.—



03867

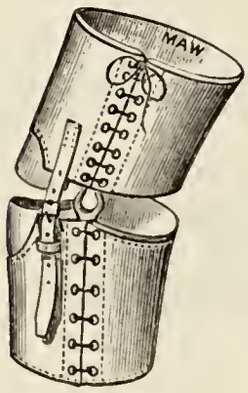


03868

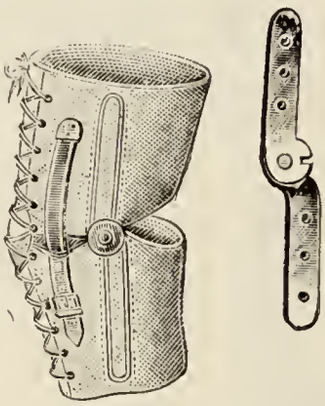


03869

No.	Knee Appliances—	£	s.	d.
03867	*Howard Marsh's, for displaced semilunar cartilage, 2 qualities 25/6 and	1	15	0
03868	*Moulded Leather Patella Cap, to prevent flexion of joint ..	1	1	0
03869	* Do. do., with divided front and controlling straps ..	1	5	0

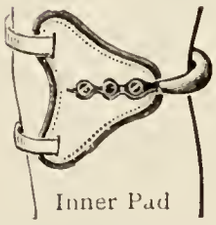


03870



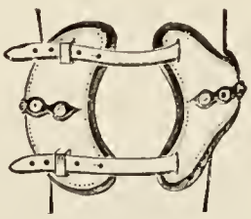
03871

03870	*Moulded leather, with steel side joints and controlling straps ..	1	15	0
03871	* Do. do., with steel supports and stop-joints for fractured patella	2	0	0



Inner Pad

MAW'S

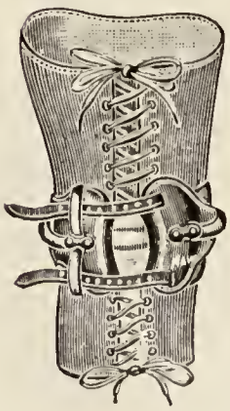


LONDON

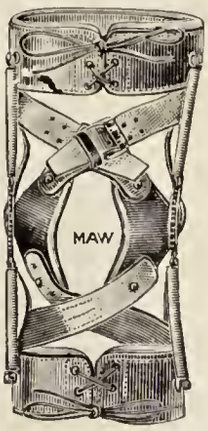
Outer Pad

03872

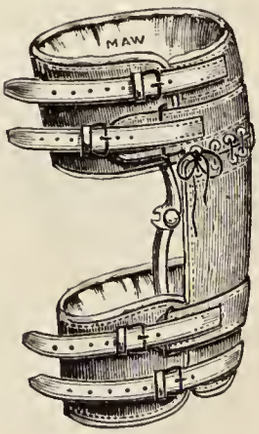
03872	*Paget's Clamp, for displaced semilunar cartilage	0	17	6



03873



03874

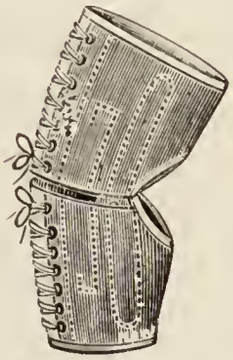


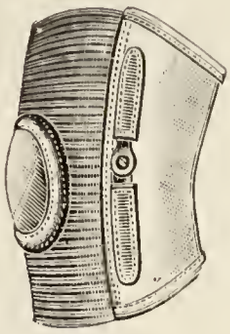
03875

03873	*Paget's Clamp and Knee Cap combined	1	5	0
03874	*Walsham's, with spiral wire side springs, for displaced cartilage	3	0	0
03875	*Middlesex Model, for fractured patella, with elastic web front ..	1	17	6

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—


03876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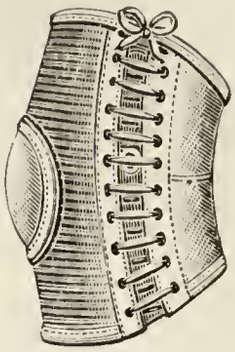
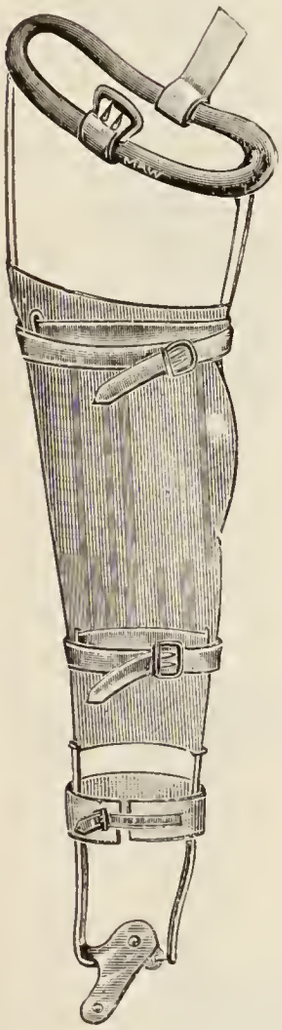
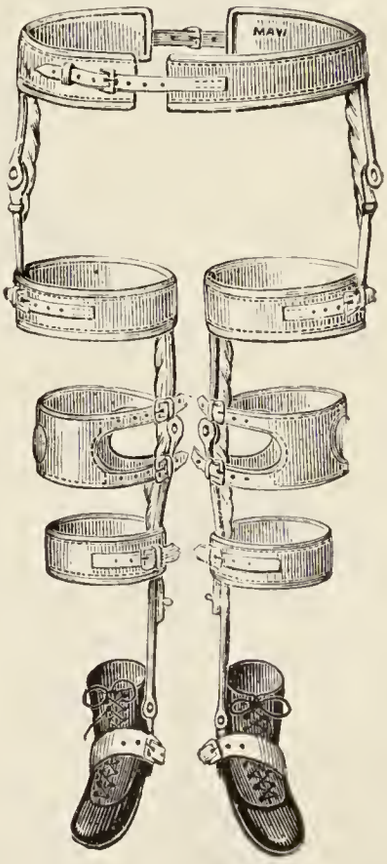

03879

No.	Knee Appliances—Contd.—	£	s.	d.
03876	*Rinkers' moulded leather splint with laced front..	0	16	0
03877	*Moleskin, with jointed steel side supports, and elastic front	1	1	0
03878	*Poro-plastic felt .. .. from	0	12	6
03879	*Spiral Wire, with jointed steel side supports and jean back ..	1	1	0
03880	*Caliper Knee Splint, for walking	1	7	6


03880

03881



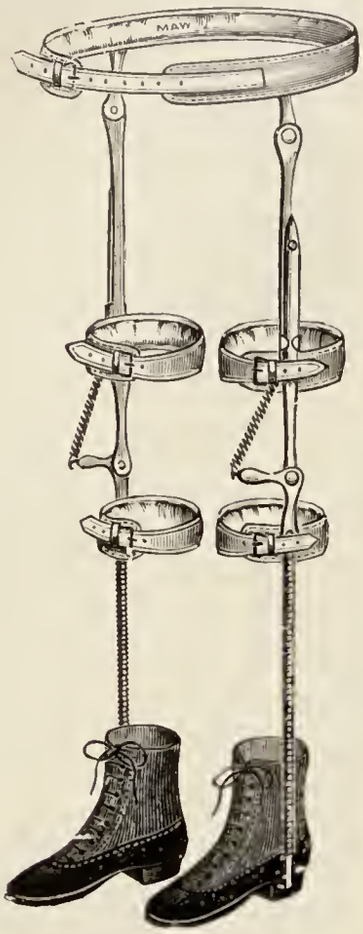
03882

Leg Irons—

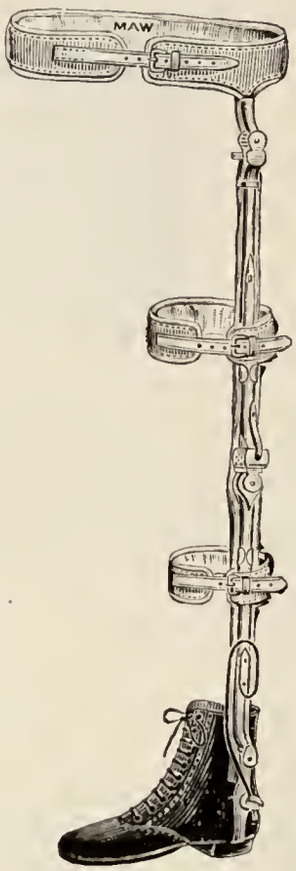
03881	*Apparatus for Genu Valgum, consisting of outside irons, with boots and T-strap for incipient valgus ; the irons are made with a slide, so that they can be extended as the patient grows, 2 qualities .. .. .. per pair, **100/-** and	5	10	0
03882	*Apparatus for Genu Varum, consisting of inside irons as far as the middle third of the thigh and outside irons upwards to the pelvis ; the irons are made to lengthen as in No. 03881, and boots with T-straps are also supplied .. per pair	5	15	0

* Made to order.

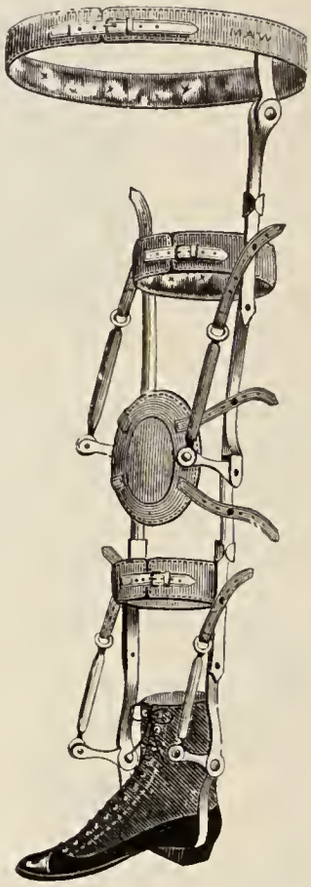
Surgical and Orthopædic Appliances, etc.—Contd.—



03883

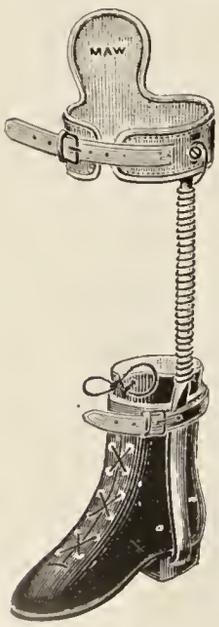


03884

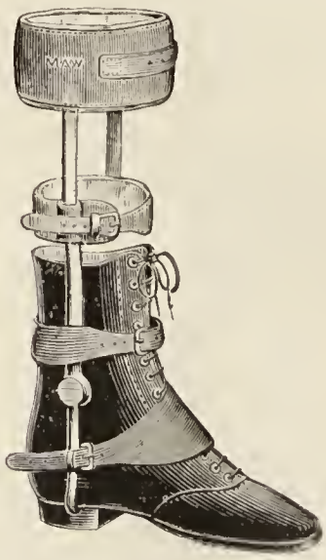


03885

No.	Leg Irons—Contd.—	£	s.	d.
03883	*Apparatus for Correcting Eversion of Feet, consisting of boots and outside irons from pelvis; a spiral spring is attached below the garter band to correct the eversion per pair	6	17	6
03884	*Apparatus for use with Anchylosed or Stiffened Hip Joint, consisting of boot and side iron, with rack-joint at hip, ring stop-joint at knee, and toe elevating spring at ankle .. each	5	15	0
03885	*Apparatus for Infantile Paralysis, consisting of boot, with very light double lateral irons, fitted with lever accumulators at knee and ankle joints; boot and irons are detachable; 2 qualities .. .. each, 86/- and	5	12	0



03886



03887

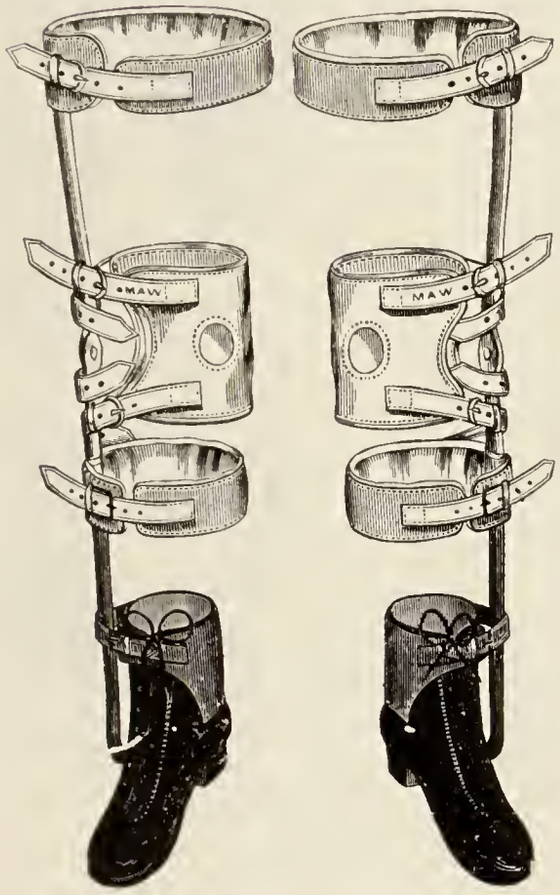
03888

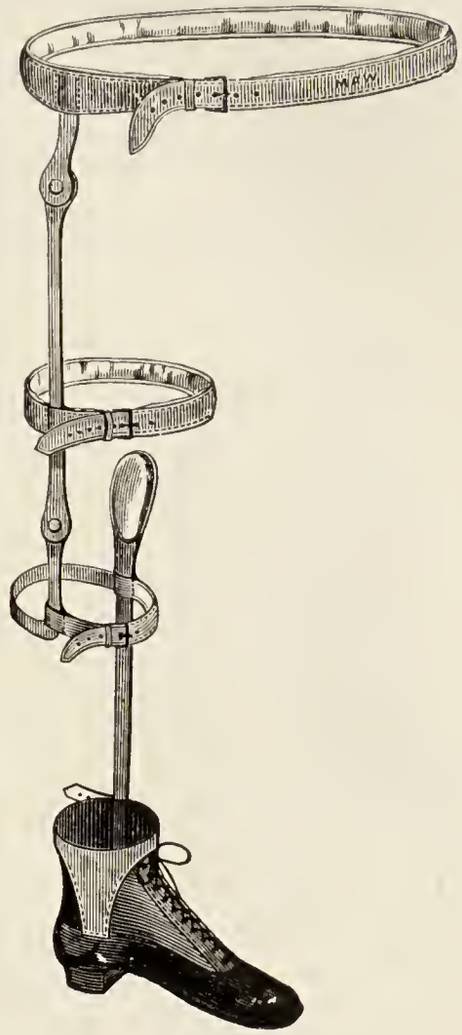
03886	*Apparatus for Eversion of Foot, consisting of boot with outside spiral spring stem, condyle plate and garter band per pair	3	5	0
03887	*Apparatus for use after Disease of Ankle Joint, consisting of boot with double lateral supports, and loose lower band.. each	3	5	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

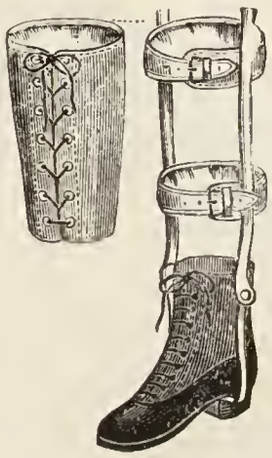
No.	**Leg Irons, etc.—Contd.—**	£	s.	d.
03888	*Apparatus for weak Ankles, consisting of boots with outside stems (either on the outer or inner side), so set as to prevent any tendency towards either T Valgus or T. Varus .. per pair	4	0	0





03889 03890

03889	*Apparatus for either Genu Varum or Genu Valgum, consisting of boots with steel supports extending to the upper third of the thigh ; as shown in the illustration it is arranged for Genu Valgum, but by fixing the irons to inner side of boot it would do for slight cases of Genu Varum .. per pair	4	0	0
03890	*Apparatus for Eversion and Inward Rotation of Foot	4	15	0

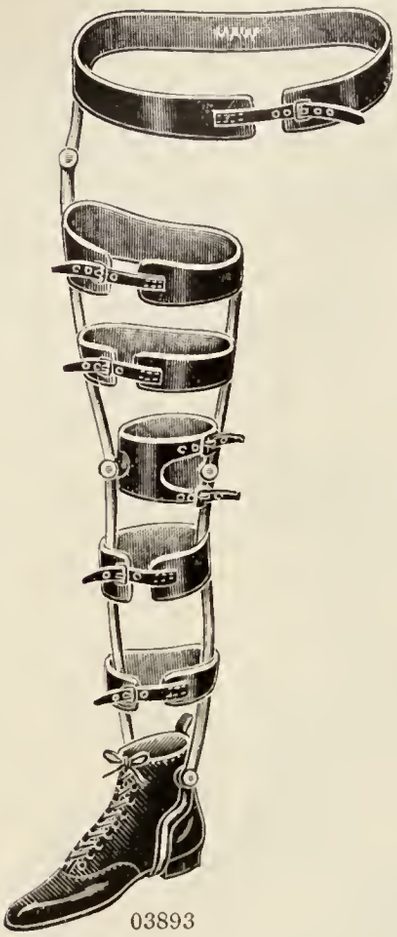


03891 03892

03891	*Apparatus for Outward Curvature of Tibia, consisting of boot with steel stem, garter band, and condyle plate ; the distal end of stem is slotted to allow of adjustment .. per pair	2	16	0
03892	*Apparatus for use in cases of un-united fracture of Tibia, consisting of double side iron, with boot and laced leather sheath	3	10	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—



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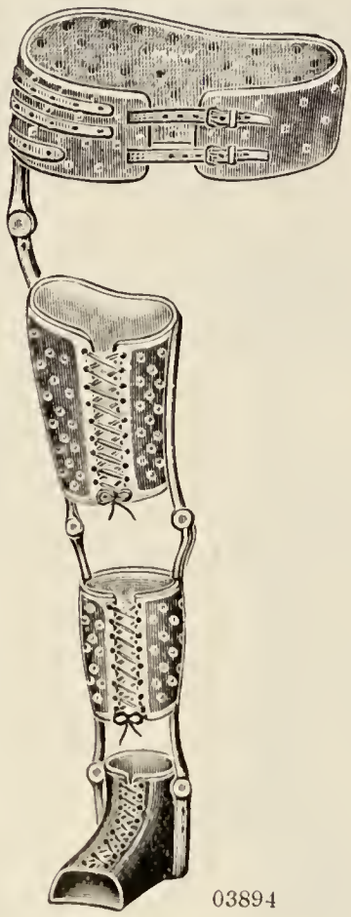
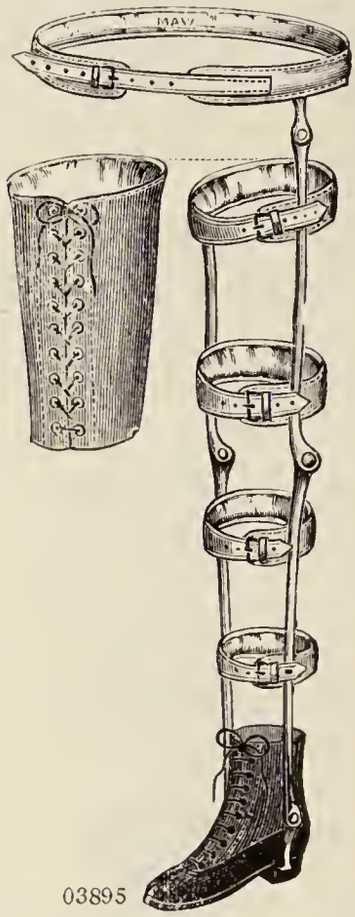
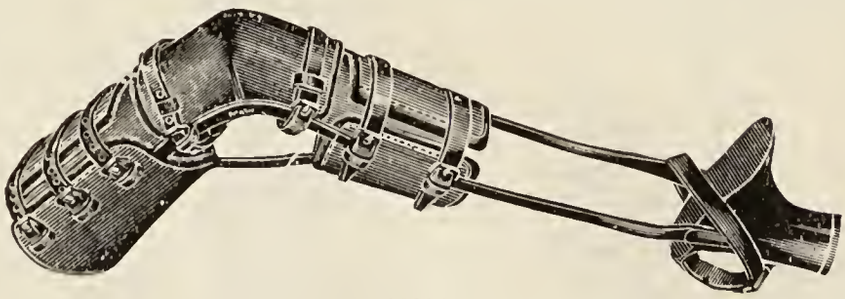


03894



03895

No.	Leg Irons—Contd.—	£ s. d.
03893	*Apparatus for use after Dislocation of the Knee, consisting of inside iron to thigh and outside iron to pelvis, with joint at hip; the special arrangement of straps corrects the varus or valgus position of the foot .. .. from	4 15 0
03894	*Apparatus for use after Fracture of Femur, consisting of inside and outside irons with joint at ankle, knee and hip, supported by broad perforated leather lacing pieces; consistent with strength, this is the lightest form of apparatus made; a boot slips over the shoe-piece attachment for use when walking each, from	6 10 0

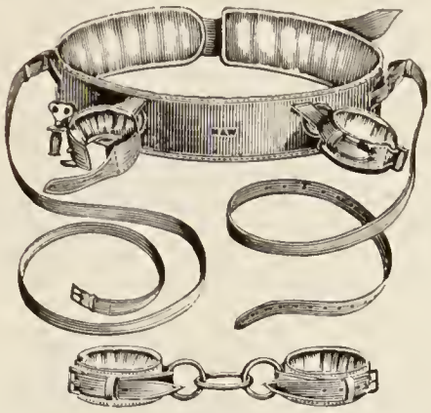


03896

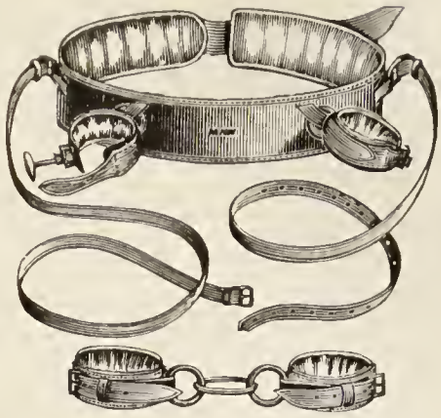
03895	*Apparatus for use in cases of Un-united Fracture of Femur, consisting of double side iron jointed at knee, with boot, pelvic band and laced leather sheath.. .. .. from	8 17 6
03896	*Apparatus for Contracted Knee, consisting of lateral steel supports with a leather-covered trough above and below knee. The chief advantage of this instrument is that it takes the whole weight of the body without encumbering the pelvis; weight, about 4 lbs.	4 12 6

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

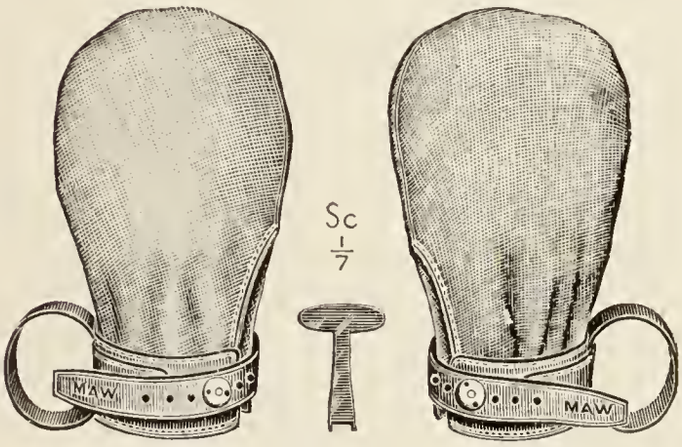


03897

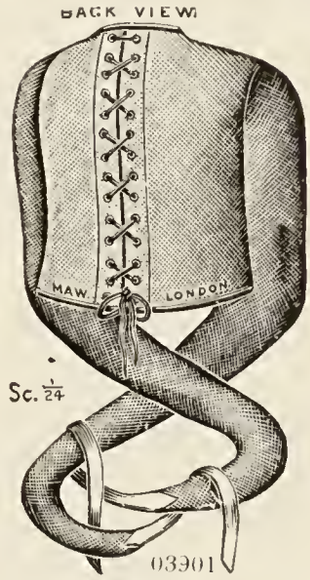


03898

No.	**Lunacy Straps, etc.—**		£	s.	d.
03897	Anklets and Wristlets, with spring locks	..per set	3	15	0
03898	Do. do., with screw locks	.. ,,	3	15	0
03899	Chest Band, with gloves and screw locks	.. ,,	3	10	0

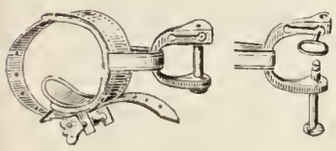


03900

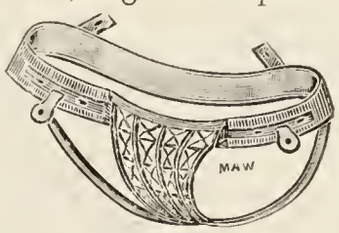


03901

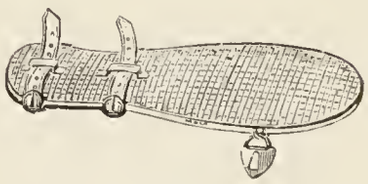
03900	Gloves, regulation pattern, with screw fastening ..	per pair	1	10	0
03901	Strait-Waistcoat, canvas, regulation pattern, to lace ..	..	1	0	0



03902

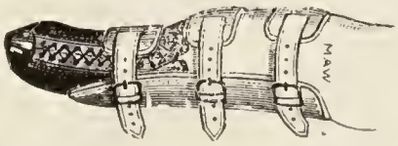


03903



03904

03902	Wristlet, with screw lock and clamp	per pair	3	10	0
03903	*Masturbation Guard, wire	.. ..	1	1	0
03904	*Wire Gloves, for prevention of masturbation ..	per pair	0	17	6
03905	**Pneumonia Jacket,** pure wool	.. ..	0	2	6



03906

03907

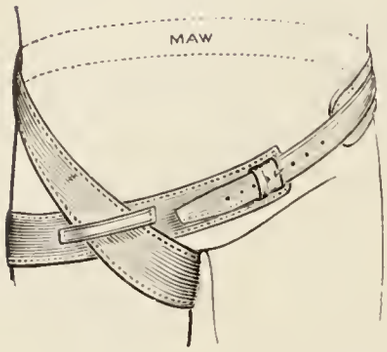
03908

Ricket Splints, for Bow Legs—

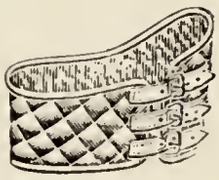
03906	*Fisher's, poro-plastic felt, covered with leather and fitted with leather straps	per pair	0	13	6
03907	Wood, padded, with webbing straps, 6 in. to 12 in., 2 qualities, per pair, 5/- and		0	6	6
03908	*Do. do., Rice's, with sole plate and leather straps	per pair	1	2	6

Made to order only.

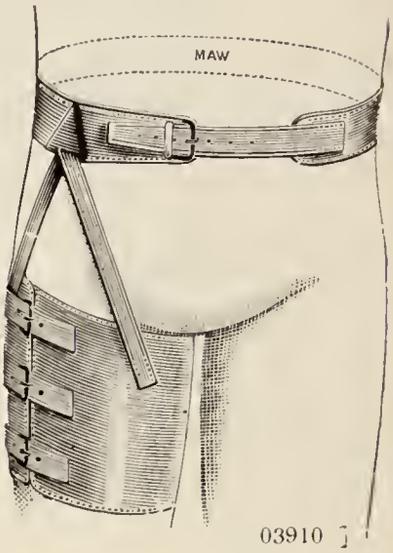
Surgical and Orthopædic Appliances, etc.—Contd.—



03909

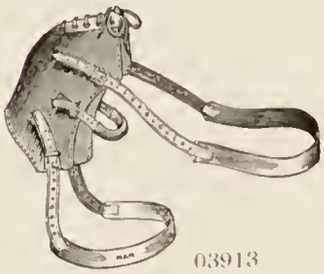


03912

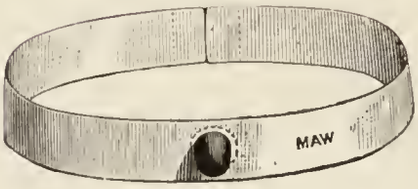


03910

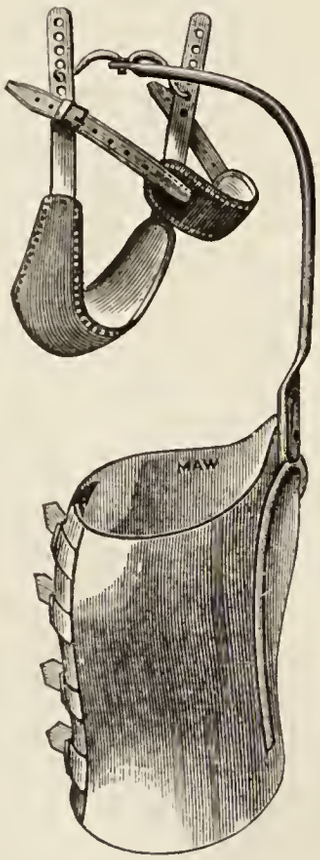
No.	Rider's Sprain Appliances—	£	s.	d.
03909	*Leather Spica, with pad	1	1	0
03910	*Leather Thigh Piece, 6 in. to 10 in., with waist band	1	17	6
03911	*Webbing Spica, with pad	0	12	6
03912	*Thigh Band, padded	0	11	6



03913



03914



03915

03916

03913	***Shoulder Cap,** leather, with webbing straps and buckles	1	2	6
03914	***Spina Bifida Guard,** Jean band, with hollow cup	0	9	0

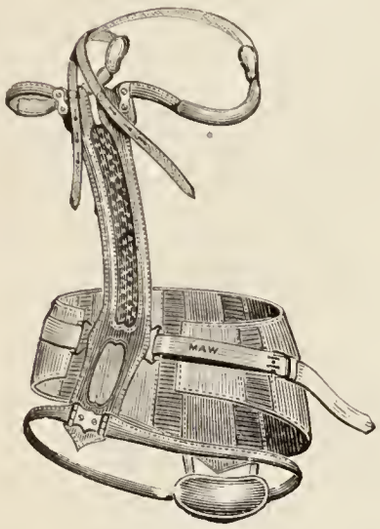
Spinal Supports—

For Cervical Caries—

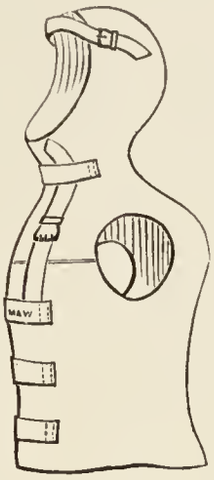
03915	*Poro-plastic Jacket, with jury mast and padded chin straps, etc. .. .. from	3	0	0
03916	*Sayre's Jury Mast, with padded chin straps, and tin strips for use with plaster of Paris jacket	1	8	0

* Made to order only.

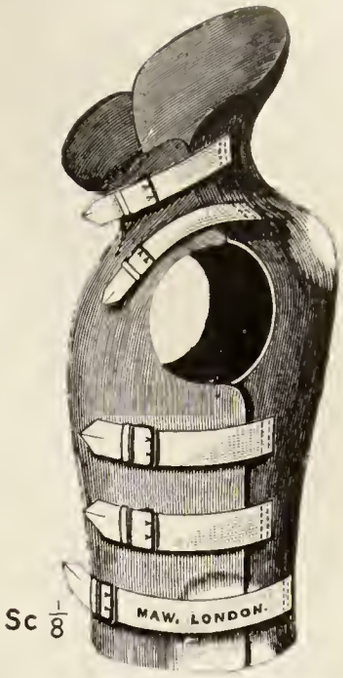
Surgical and Orthopædic Appliances, etc.—Contd.—



03917

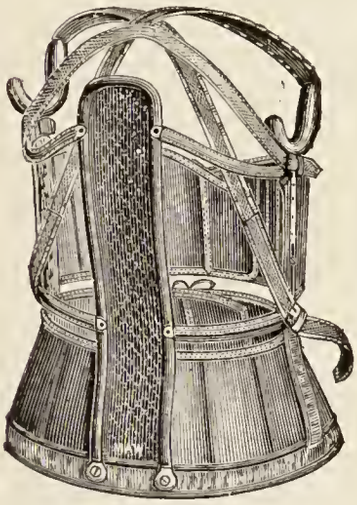


03918



03919

No.	Spinal Supports—Contd.—	£	s.	d.
	For Cervical Caries—Contd.—			
03917	*Carapace Jacket, poro-plastic felt .. ..from 18/- to	2	10	0
03918	*Walsham's poro-plastic Jacket, with head-piece from 24/- to	2	14	0
	For Dorsal and Lumbar Caries—			
03919	*Protheroe Smith's support for curvature with pelvic deformity	4	12	6



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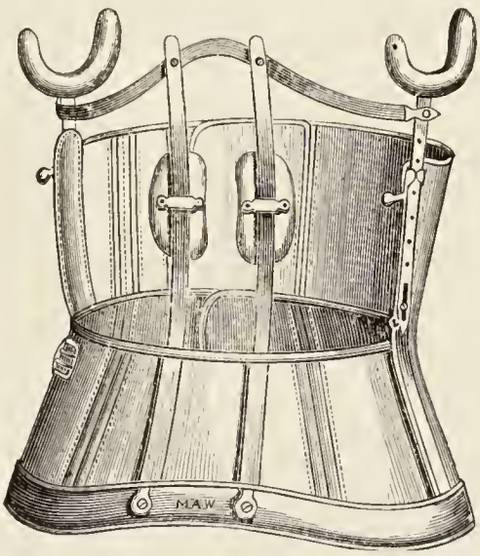
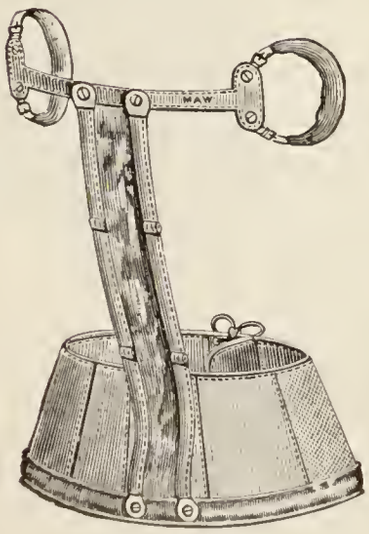


03921



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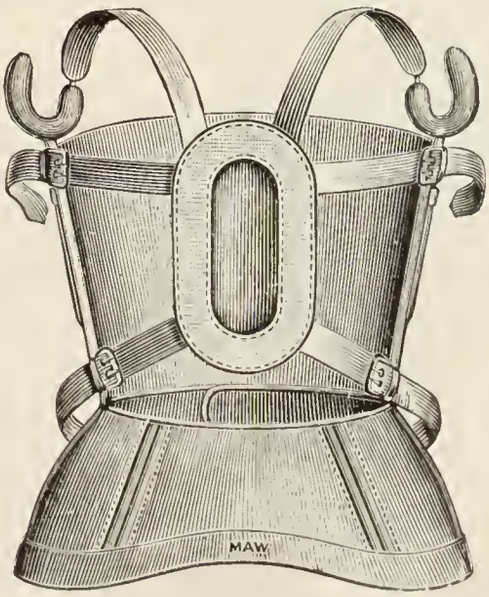


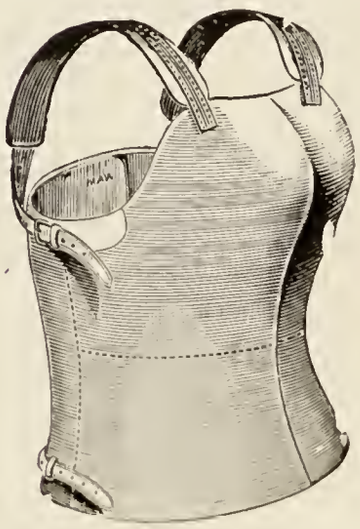
03923

03920	*Steel Support, consisting of lateral uprights, pelvic band and back support held together by horizontal crossbars ..	3	17	6

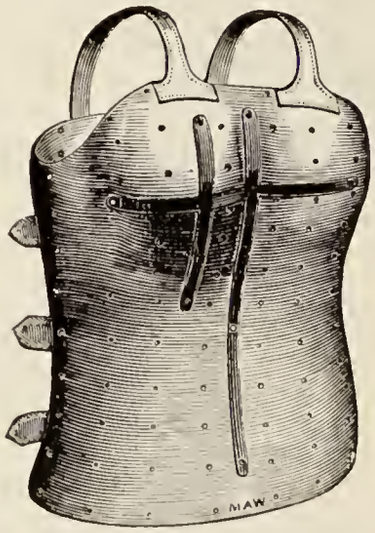
* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

No.	**Spinal Supports—Contd.—**	£	s.	d.
	For Dorsal and Lumbar Caries—Contd.—			
03921	*Steel Support, with closely fitting pelvic belt, to which are attached a pair of lateral uprights with arm crutches; two adjustable semi-lunar pads are attached to the steel springs at the back of the instrument	4	10	0
03922	*Postero-lateral Steel Support, for the prevention of stooping	3	0	0
03923	*Steel Support, with lateral crutches attached to a closely fitting pelvic belt by means of which the weight of the body is transformed from the pelvis to the axilla ..	3	10	0

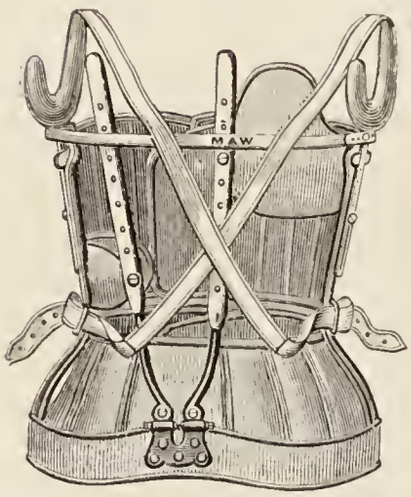


03924

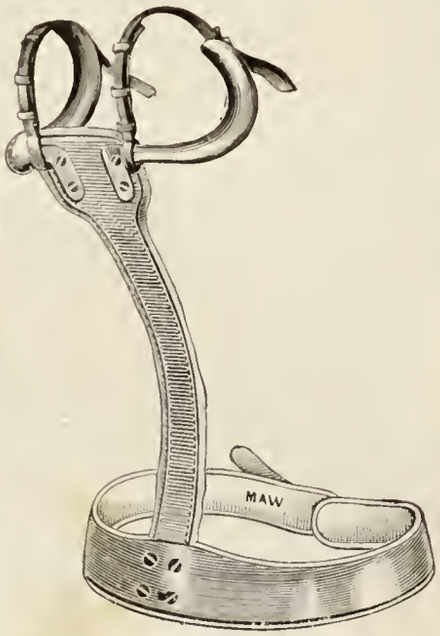


03925

03924	*Moulded Leather Jacket, with shoulder straps .. from	3	10	0
03925	*Poro-plastic Jacket, with metal supports, from **30/-** to	2	10	0
03926	* Do. do., ordinary form, for early cases, 3 qualities, best medium and hospital .. .. from **42/-**, **30/-**	0	18	0



03927



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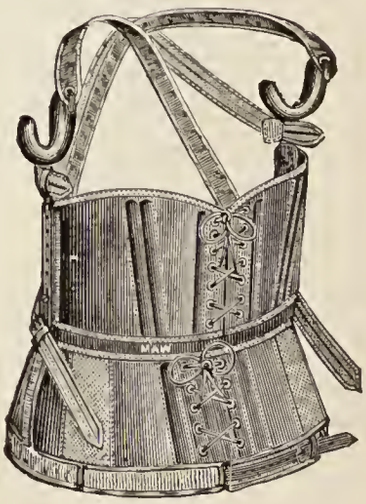


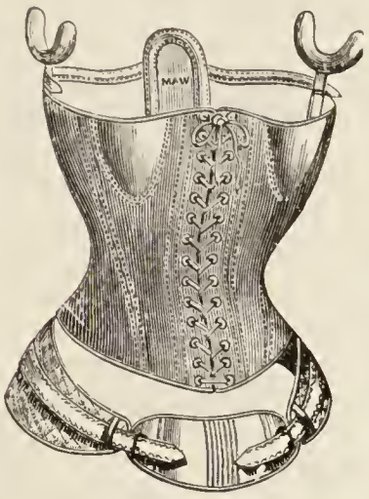
03929

For Lateral Curvature—

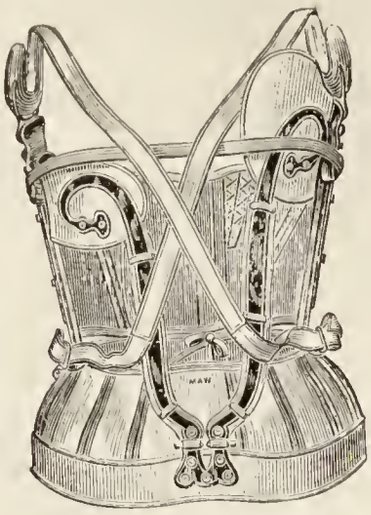
03927	*Support for double lateral curvature, with webbing pelvic band, lateral uprights and adjustable arm pieces; the major curve is controlled by a plate attached to a single action rack bar, and the minor or compensating curve by a plate attached to the opposite bar	5	15	0
03928	*Light Steel Support, covered with leather	2	7	6
03929	*Light Support for Child, consisting of two lateral uprights, adjustable arm crutches and sliding pelvic band, fitted with cross bracing straps and covered with white kid ..	3	8	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—



03930



03931

Spinal Supports—Contd.—

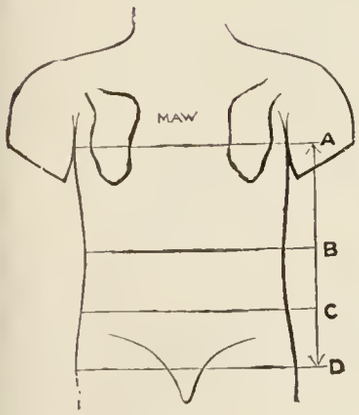
No.	For Lateral Curvature—	£	s.	d.
03930	*Light Support for Adult, consisting of two lateral uprights, with adjustable arm crutches, posterior support and shaped pelvic band..	3	8	0
03931	*Light Steel Frame, with webbing pelvic girdle and steel uprights to which are attached sliding arm supports; fitted with front lacing pieces, cross-over shoulder-straps, and single action spring back bars	5	15	0

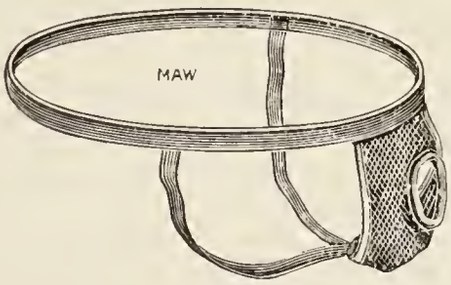
DIRECTIONS FOR MEASUREMENT FOR SPINAL SUPPORTS.

Circumference at A, B, C and D (state male or female).

Depth from A to B, and B to D; if the lateral bend is pronounced, the depths on both sides must be given.

In cases of severe dorsal curvature the degree of the curvature and the vertebræ affected must be specified.





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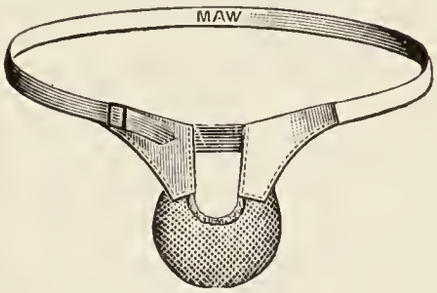
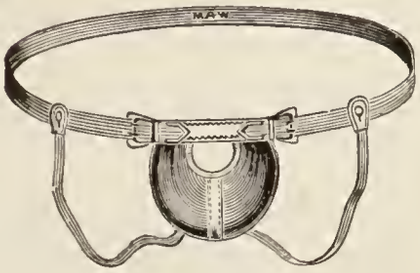


03933

Suspensory Bandages—

03932	The "Athlete," self-adjusting, with silk-elastic band, elastic under-straps and silk bag	0	3	0
03933	The "Beaufort," with web band and woven silk-elastic bag ..	0	1	6



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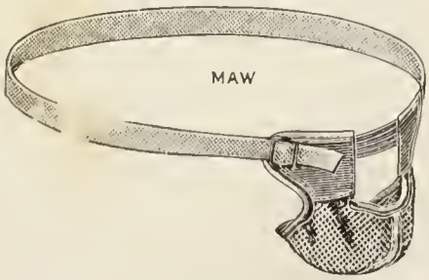


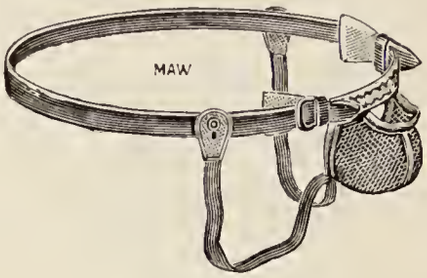
03935

03934	The "Blenheim," with silk-elastic and jean band, elastic under-straps and silk bag	0	3	0
03935	The "Century," with jean band, elastic insertions, satin front and silk bag	0	2	6
03936	Do. do. do., with under-straps	0	3	0

* Made to order only.

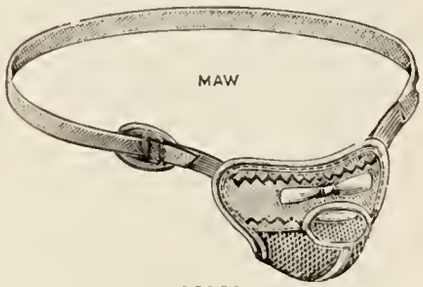
Surgical and Orthopædic Appliances, etc.—Contd.—

03937



03938

No.	Suspensory Bandages—Contd.—	£	s.	d.
03937	The " Cricketer," with elastic band, and woven silk-elastic bag..	0	3	6
03938	The " Featherweight," with elastic band and silk bag.. ..	0	3	0



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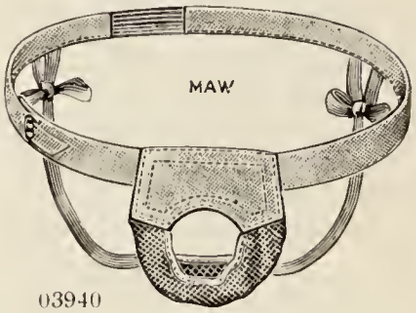
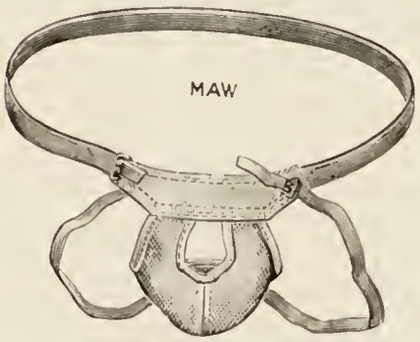


03940

03939	The " Lansdowne," with jean band and white silk bag	0	2	0
03940	The " Marquis," with web band, jean front and silk bag	0	2	0



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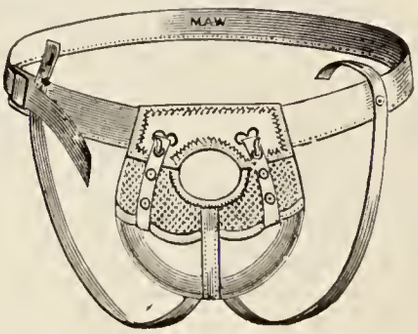
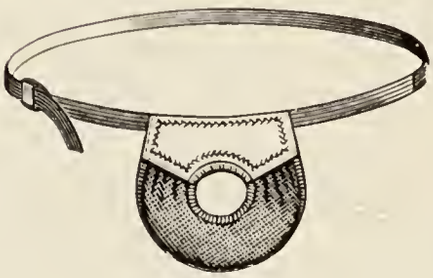


03942

03941	The " Military," with jean band, elastic insertions, and silk bag	0	2	0
03942	The " Ormonde," with jean band and adjustable silk bag ..	0	2	0



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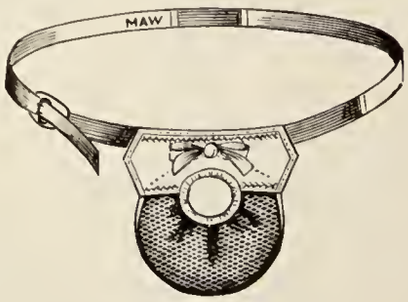
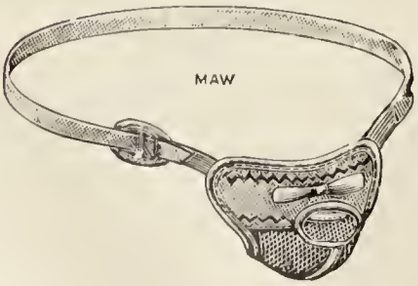


03944

03943	The " Netley," with jean band, elastic insertions, and silk and rubber bag	0	2	6
03944	The " Oxonian," with jean band, elastic insertions and silk bag	0	2	0



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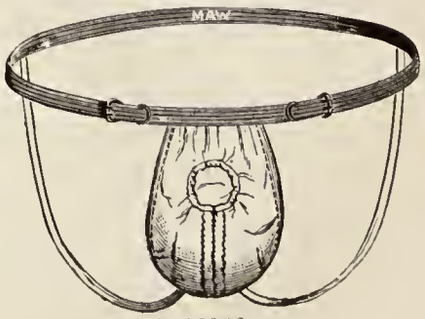
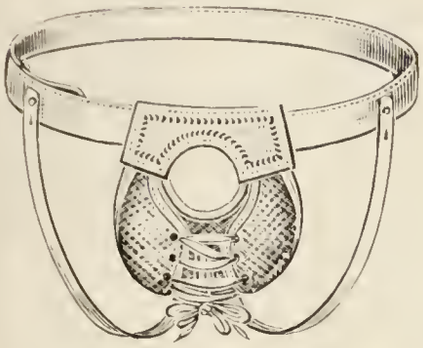


03946

03945	The " Rugby," with jean band, elastic insertions, and silk bag ..	0	2	6
03946	The " Sandown," with jean band and under-straps, and silk bag	0	1	9

Surgical and Orthopædic Appliances, etc.—Contd.—



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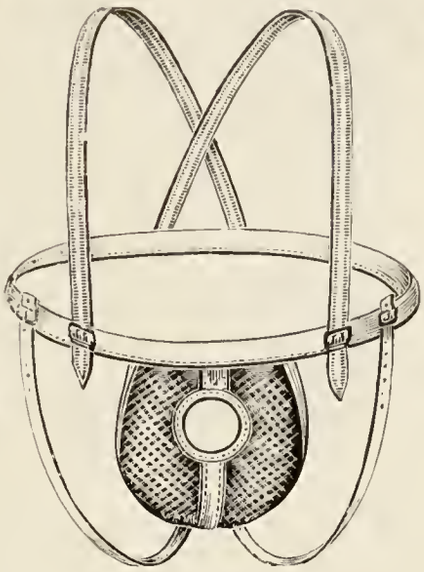

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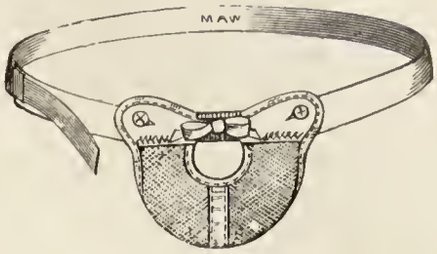

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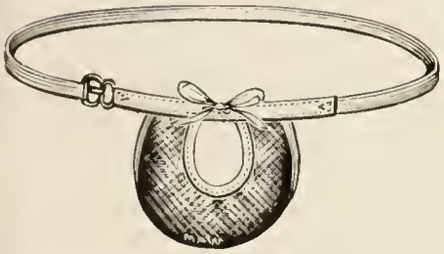

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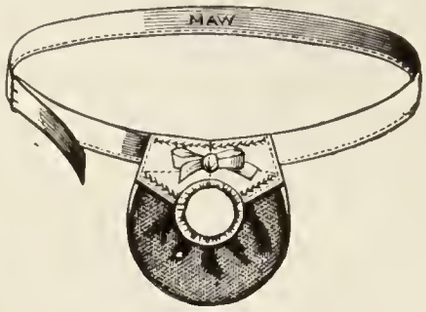


03951

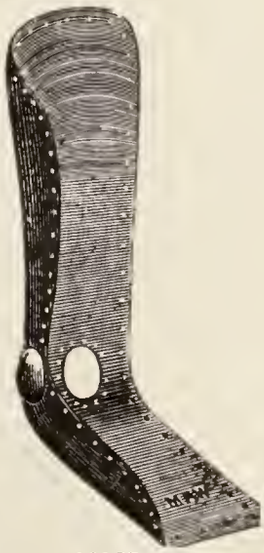
No.	Suspensory Bandages—Contd.—	£	s.	d.
03947	The "Townsend," with jean bag and laced silk bag	0	2	0
03948	The "Tudor," with band, shoulder straps and silk bag.. ..	0	4	0
03949	The "Umpire," with web band and silk taffeta bag	0	1	6
03950	The "University," with jean band, elastic insertion and detachable silk bag	0	2	0
03951	The "Woolwich," with jean band, and tapes to tighten bag (silk)	0	1	6
	Suspension Apparatus—			
03952	Charcot's, with chamois-covered pads	2	5	0
03953	Sayre's, with chamois-covered pads, and tripod, complete in box	5	5	0

03954

03955

	Tenotomy Splints—			
03954	Flexible Metal, padded, from 6 in. to 18 in. .. .. from	0	1	6
03955	Wire Gauze	0	1	6

03956



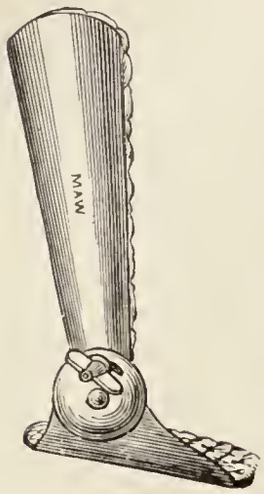
03957

03958

	Talipes Splints—			
03956	*Collier's, japanned iron	0	7	6
03957	*Little's, japanned iron	0	5	6
03958	* Do. do., hinged at heel	0	8	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—



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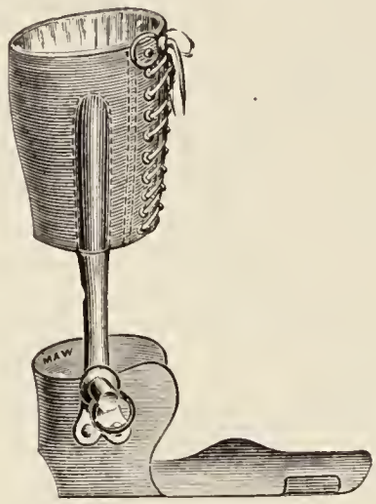
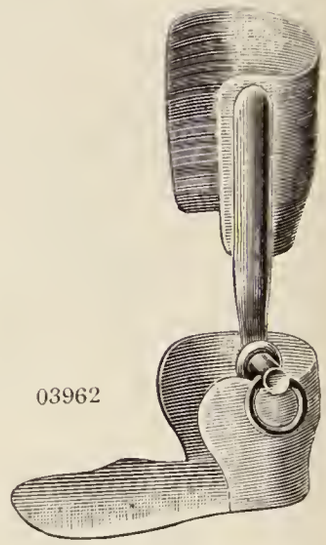
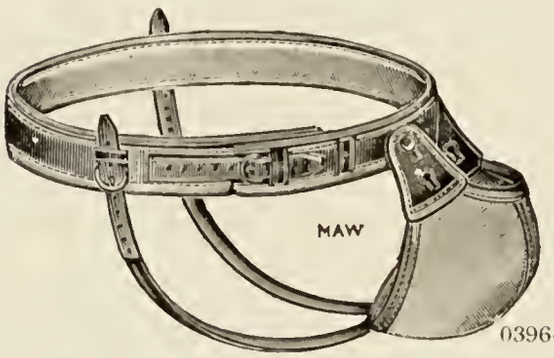


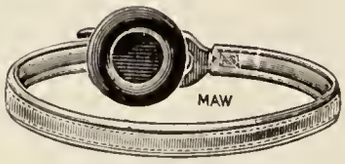
03961


03962

No.	Talipes Splints—Contd.—	£	s.	d.
03959	*Little's, japanned iron with fixing screw, padded	0	8	0
03960	*Poro-plastic Felt, moulded	0	4	6
03961	*Reeve's Shoe, with laced calf piece	0	15	6
03962	* Do. do., universal pattern	0	9	0
03963	*Scarpa's Shoe .. .. double action, **45/-** ; single action	1	10	0



03964

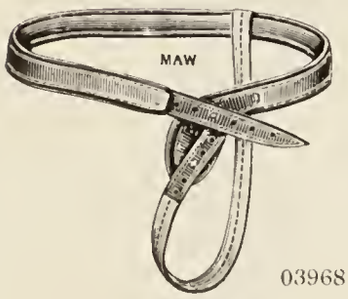


03967

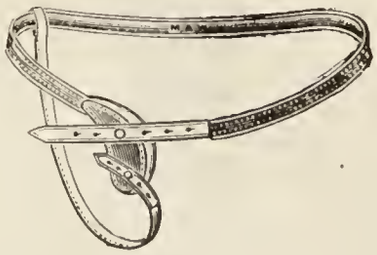
Trusses for Adults—

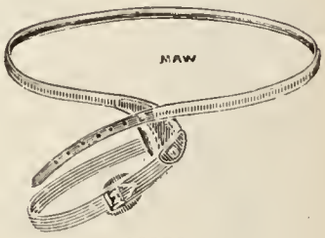
Extra large sizes are charged at a rate of **-/6** per inch above stock for singles, and **-/9** per inch for doubles, but any special features, such as an extra strong spring, or large head, etc., etc., will necessarily increase the price of a truss.

03964	*Bag Truss, for large irreducible hernia	0	12	6
03965	*Do. with bag to lace	0	14	0
03966	*Do. with braces to prevent slipping	1	1	6
03967	*Colotomy Truss, with cup-shaped circular pad	0	14	6



03968


03969



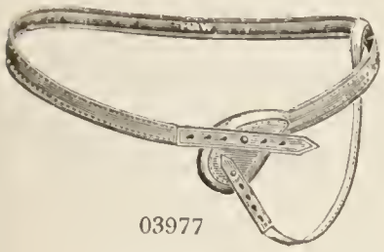
03973

FEMORAL TRUSSES (stock sizes 30-40 in.)—

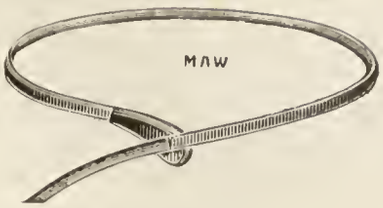
03968	Circular spring, covered basil and mole, double. **4/6** ; single	0	2	6
03969	Do. do., covered morocco and mole, double, **7/6** ; single	0	4	6
03970	* Do. do., with inflated pad, covered morocco and mole	0	12	0
03971	* Do. do., with hollow pad for cases of irreducible hernia, covered with basil and moleskin, single	0	5	0
03972	*Elastic gum, with india-rubber pads ..double, **11/6** ; single	0	8	0
03973	*Extra light, with thigh band to keep pad in position ..	0	12	0
03974	*Coles's, with spring pad, as No. 03990, double, **16/-** ; single	0	8	6

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—


03977

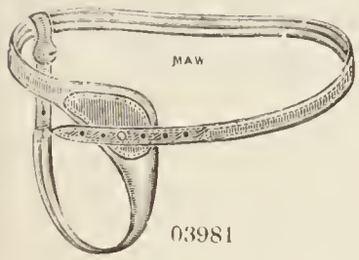
03979



03980

Trusses for Adults—Contd.—

No.	INGUINAL (stock sizes, 30-40 in.)—	£	s.	d.
03975	Circular spring, covered basil and mole, double, **3/6**; single	0	2	0
03976	Do. do., covered calf and mole, double, **6/9**; single	0	4	0
03977	Do. do., covered red leather .. double, **4/-**; single	0	2	6
03978	* Do. do., with hollow pad, for cases of irreducible hernia, covered with basil and mole, single	0	4	9
03979	Do. do., French model, superior, covered thin calf and lined white kid, double, **14/-**; single	0	7	6
03980	* Do. do., "Feather-weight," extra light, covered thin calf and lined with silk, double, **26/-**; single	0	16	0



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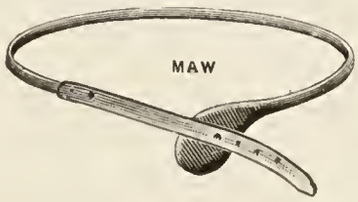
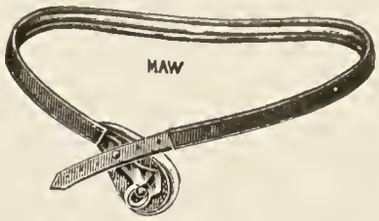
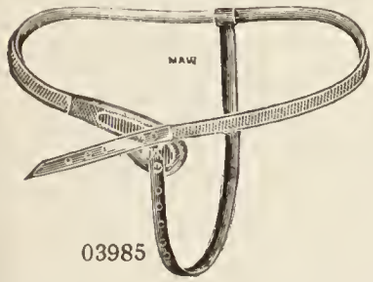


03982



03984

03981	*Circular spring, Maw's, with elongated pad, covered with basil and moleskin	0	4	9
03982	Do. do., elastic gum, for bathing, double, **10/6**; single	0	7	6
03983	Do. do., covered with celluloid .. double, **9/6**; single	0	6	6
03984	* Do. do., Draper's, with adjustable pad, for either side, covered basil and mole, double, **11/6**; single	0	7	6



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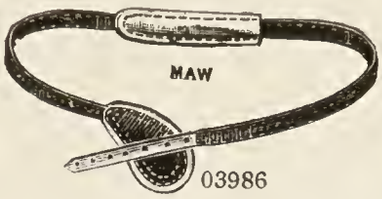

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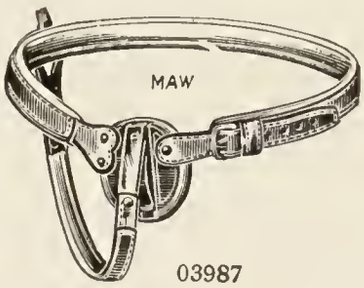
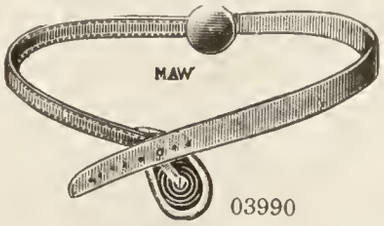


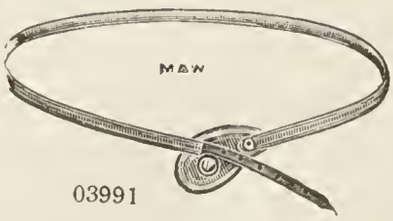
03987

03985	*Circular spring, with inflated pad and band, covered with white kid .. ..double, **16/6**; single	0	11	0
03986	*Half-spring, covered morocco and lined kid, double, **9/-**; single	0	4	6
03987	"Moc Main," with lever pad and springless band, covered with calf and moleskin .. ..double, **18/6**; single	0	10	0
03988	"Moc Main," with no spring on pad, and with rubber under-straps .. ..double, **12/6**; single	0	8	3

03989



03990

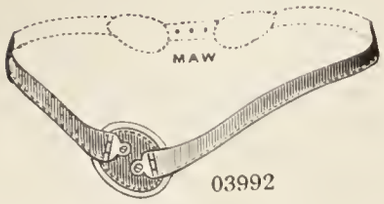


03991

03989	Circular spring, covered with elastic gum, and with india-rubber pads, for bathing .. ..double, **12/6**; single	0	7	6
03990	Coles's pattern, half-spring, with spring pad, leather-covered double, **15/-**; single	0	8	0
03991	Coles's pattern, circular spring, with spring pad as No. 03990 double, **16/-**; single	0	8	3

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—



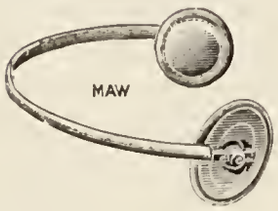
03992

03993

03994

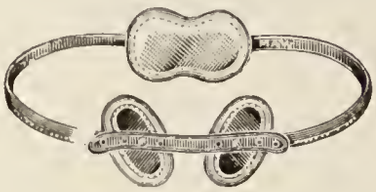
Trusses for Adults—Contd.—

No.		£	s.	d.
	INGUINAL (stock sizes, 30-40 in.)—Contd.—			
03992	*Maw's Improved, for advanced cases, leather-covered, single	1	4	6
03993	*Springless band, with patent lever pads, covered with calf double, **30/6**; single	1	4	6
03994	*Wood's, with bifurcated vulcanite or pneumatic pad, double, **15/6**; single	0	11	6

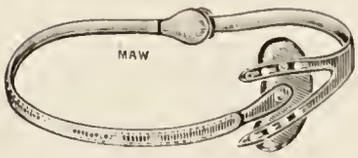


03995

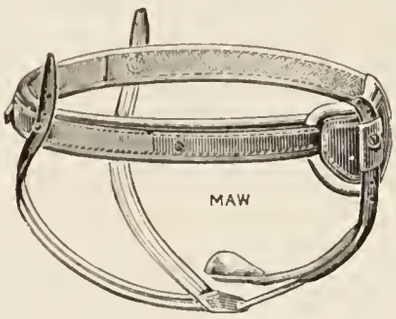
03996


03997

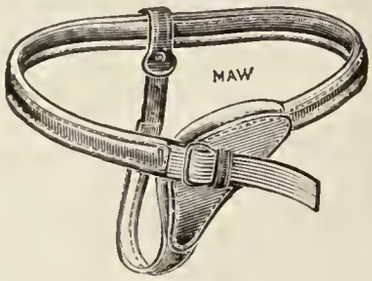
03995	Salmon and Ody's pattern, extra light, covered with calf ..	0	5	6
03996	Do. do. do., circular spring, double, **9/-**; single	0	5	6
03997	Do. do. do., with posterior pad ..double	0	7	9
03998	*Springless, for night wear, with stout elastic band double, **12/6**; single	0	8	0



03999

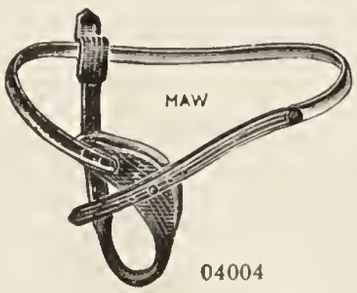


04000

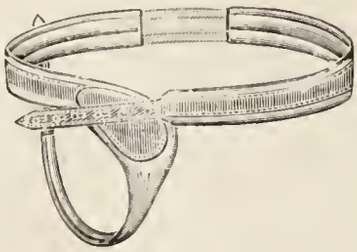


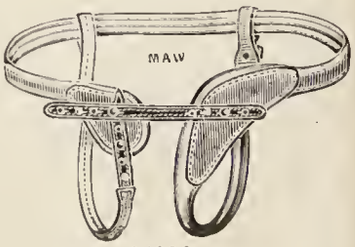
04002

03999	*KIDNEY, half-spring, covered with calf and doeskin	0	15	0
04000	*RECTAL, for Prolapse, leather-covered with ivory pad on spring..	1	1	6
04001	* Do. for use after excision, Paul's	1	16	6
	SCROTAL (stock sizes, 30-40 in.)—			
04002	*Circular spring, Maw's improved, covered with calf and mole double, **24/6**; single	0	15	0
04003	Do. do., ordinary pattern, 2 qualities, double, **7/9** and **15/9**; single **4/9** and	0	9	6



04004


04005

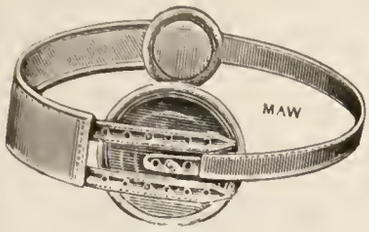


04006

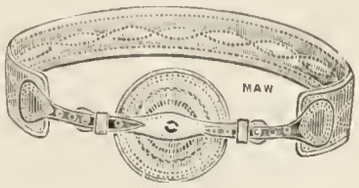
04004	*Circular spring, covered with elastic gum, and fitted with india-rubber pads for bathing ..double, **15/-**; single	0	9	6
04005	Springless, basil and moleskin, with elastic insertions double, **10/-**; single	0	6	0
04006	SCROTAL and INGUINAL combined, covered with basil and moleskin	0	7	9

* Made to order only.

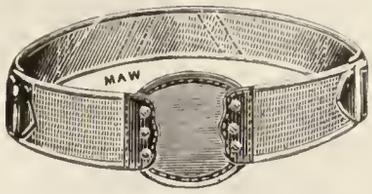
Surgical and Orthopædic Appliances, etc.—Contd.—



04007

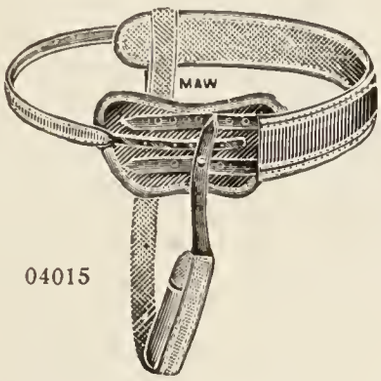


04011

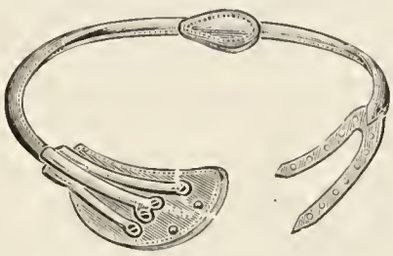


04013

No.	**Trusses,** for Adults—**Contd.**—	£	s.	d.
04007	UMBILICAL, half-spring, leather-covered, sizes, 32-44 in... ..	0	11	6
04008	Do. do., sizes, 45-50 in.	0	14	3
04009	*Do. circular spring, covered roan and mole, sizes, 30-44 in.	0	10	0
04010	*Do. do., sizes, 45-50 in.	0	12	9
04011	Do. with springless band and patent lever pad, sizes, 30-44 in.	0	16	6
04012	Do. do., sizes, 45-50 in.	1	0	6
04013	*Do. springless, with spiral wire insertions, sizes, 30-44 in.	1	1	6
04014	*Do. do., sizes, 45-50 in.	1	5	6

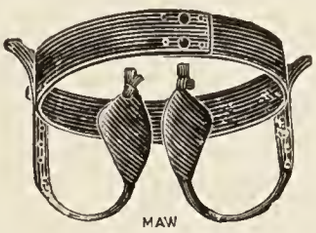


04015


04017

04015	*UTERINE, for Prolapse, fitted with vulval pad and abdominal supporting plate	1	3	9
04016	*Do. with springless band and patent lever abdominal support	1	16	6
04017	VENTRAL, with semi-circular spring covered with calf and white kid	1	1	0

04018



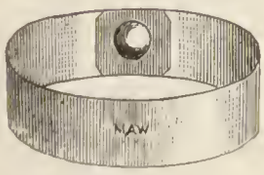
04020

04022

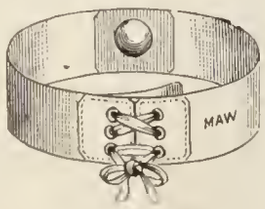
04025

Trusses, for Infants and Children (sizes 12-18 in.)—

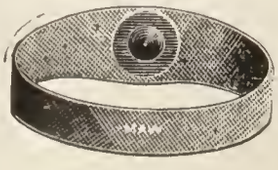
04018	Inguinal, circular spring and pneumatic pad, covered with india-rubber .. .. double, 6/9 ; single	0	5	0
04019	Do. as No. 04018, but without spring, double, 5/6 ; single	0	4	6
04020	Do. with broad springless india-rubber band and pneumatic pads .. .. double, 3/3 ; single	0	2	6
04021	Do. circular spring, covered with morocco and moleskin, double, 3/4 ; single	0	2	0
04022	Scrotal, circular spring and pneumatic pad, covered with india-rubber .. .. double, 8/3 ; single	0	6	3
04023	*Do. as No. 04022, but without spring, double, 6/- ; single	0	5	0
04024	*Do. circular, covered morocco and mole double, 4/6 ; single	0	3	9
04025	*Undescended Testicle, with horse-shoe pad and circular spring, covered with morocco and moleskin .. .. .. single	0	6	6



04026



04027



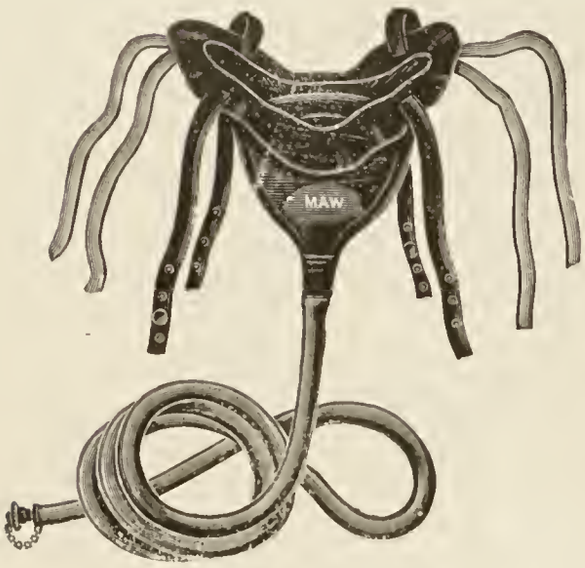
04029

04030

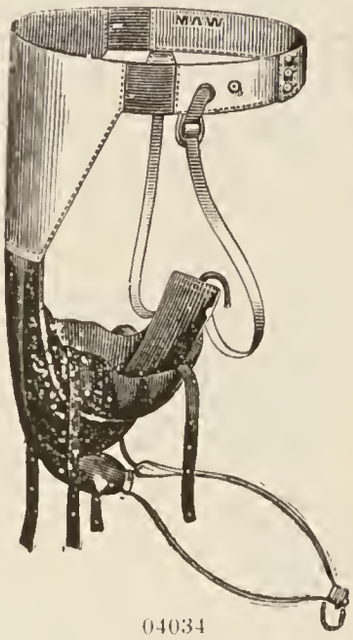
* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

No.	**Umbilical Belts,** for Infants (stock sizes, 12-18 in.)—	£	s.	d.
04026	*Cotton-elastic, to draw on	0	1	6
04027	Do. to lace .. .. narrow, 1/- ; broad	0	2	0
04028	India-rubber, as No. 04029, to draw on	0	1	0
04029	Do. with inflated pad, to draw on	0	1	3
04030	Do. porous, with stud fastening	0	2	0
04031	Moleskin, with elastic sides and buckled fulcrum	0	2	6
04032	*Jean, with elastic sides and buttoned fulcrum	0	1	9



04033



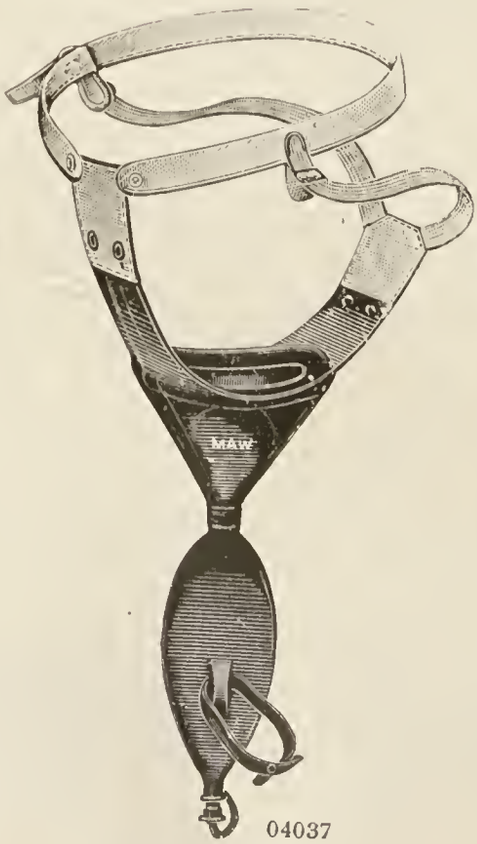
04034

04035

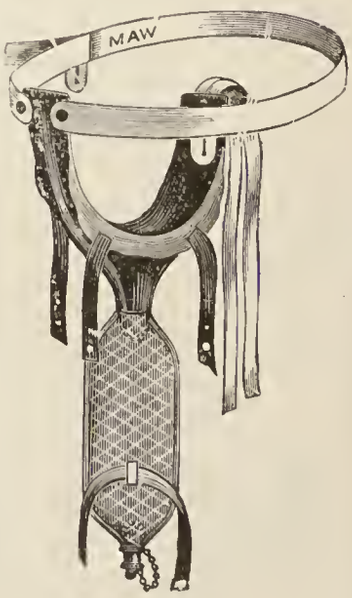
Urinals, Female—

04033	For night use, improved model, with inflated rim and long tube to conduct the urine into a receptacle outside the bed ..	0	13	6
04034	For night use	1	4	0
04035	For night use, with tube	0	9	3

04036



04037



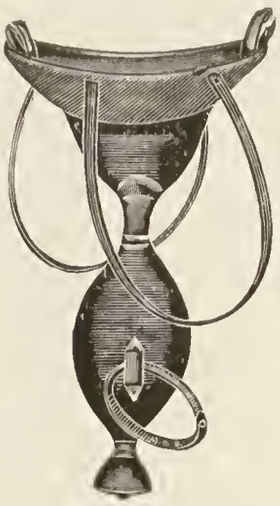
04038

* Made to order only.

Surgical and Orthopædic Appliances, etc.—Contd.—

No.	**Urinals, Female—Contd.—**	£	s.	d.
04036	For day use and travelling	1	1	9
04037	For day use, with inflated rim and india-rubber suspension straps	1	3	0
04038	For day or night use	0	17	6

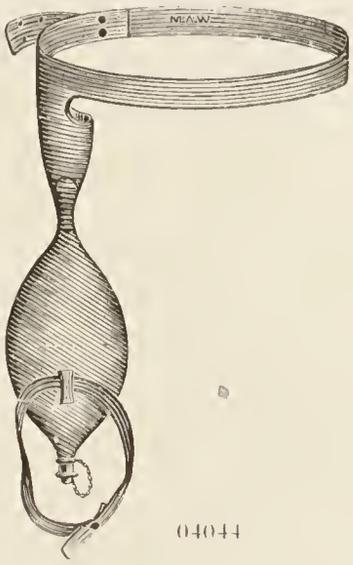
04039


04041

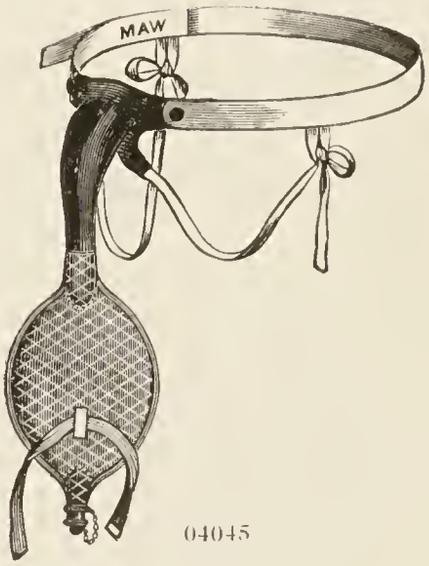
04040

04039	For carriage use	0	12	0
04040	For night use, with sponge to absorb the urine	0	7	0
04041	For day use, ...	0	9	0
04042	Do. do. with inflated rim	0	9	6

04043



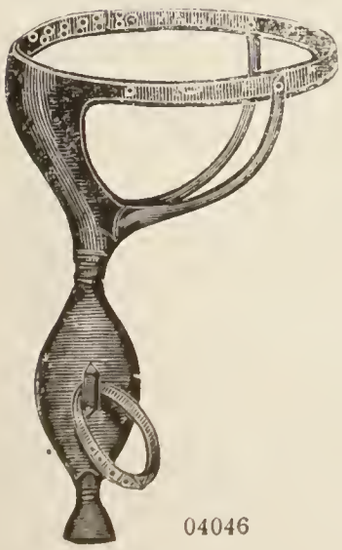
04044

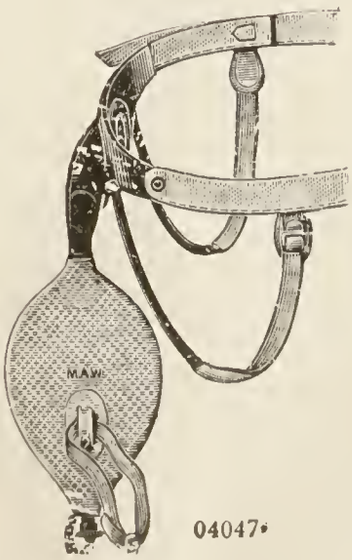


04045

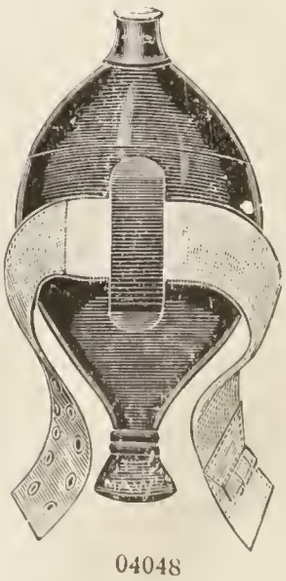
Urinals, Male—

04043	For day use	0	12	0
04044	For day use, arabesque rubber	0	8	3
04045	For day use and travelling	0	13	6


04046



04047

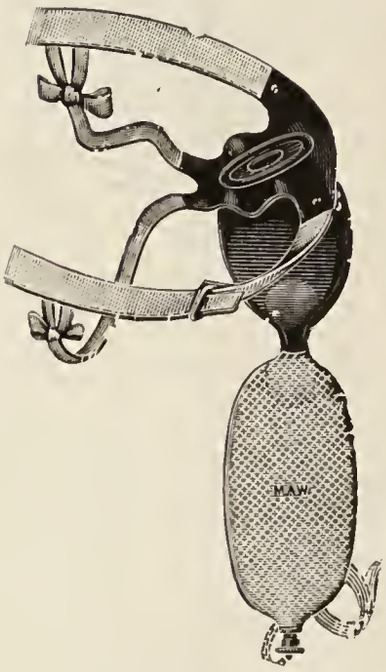

04048

Surgical and Orthopædic Appliances, etc.—Contd.—

No.	Urinals, Male—Contd.—	£	s.	d.
04046	For day use to contain penis and scrotum	0	9	0
04047	For day use and travelling, improved model, with inflated rim	0	16	0
04048	For day or night use, " The Reform "	0	9	6

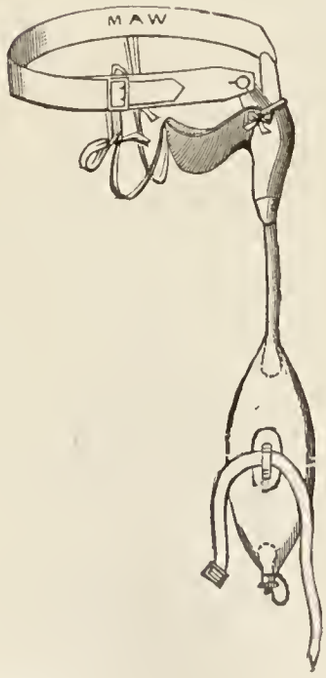
04049

04050



04051

04049	For day use, " Featherweight "	0	5	0
04050	For night use, with tube to conduct the urine into a receptacle outside the bed	0	9	3
04051	For night use, with inflated rim	0	16	0



04052

04053

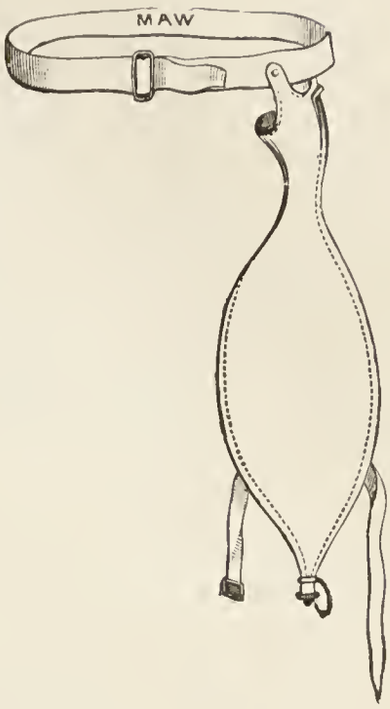
04054

04052	For day or night use .. .. .. child's, 11/6 ; adults'	0	14	0
04053	For riding	0	6	0
04054	For day use, improved model with inflated rim	0	12	9

Surgical and Orthopædic Appliances, etc.—Contd.—

04055

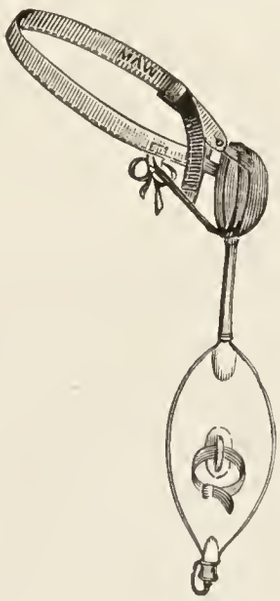
04056



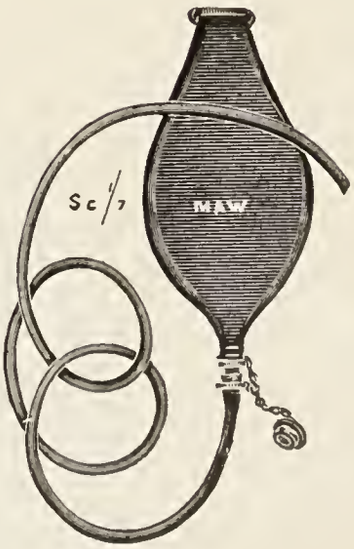
04057

No.	**Urinals, Male—Contd.—**	£	s.	d.
04055	For day use, to contain penis and scrotum	0	15	3
04056	For temporary use during long meetings, etc.	0	5	0
04057	For day use .. .. child's, 8/6 ; adult's	0	10	6

04058



04059



04060

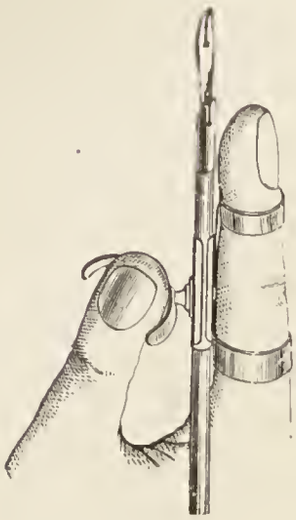
04058	For receiving contents of both bowel and bladder, male or female	1	1	0
04059	*For extroversion of bladder	0	19	6
04060	Bag Urinal to slip over penis, with detachable thick walled tube, for use at night time	0	4	0

Uterine and Rectal Supports (for illustrations see page 454)—

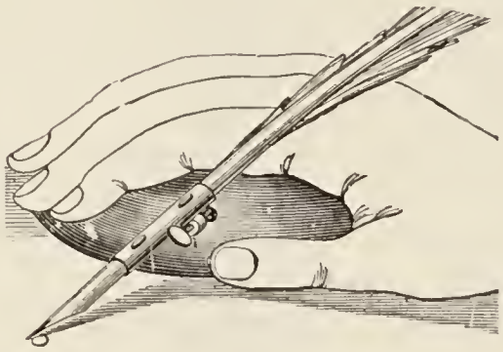
04061	Uterine, with jean band and inflated pad	0	6	0
04062	Rectal, with jean band and inflated pad	0	6	0
04063	**Varicocele Ring**	0	0	8

* Made to order only.

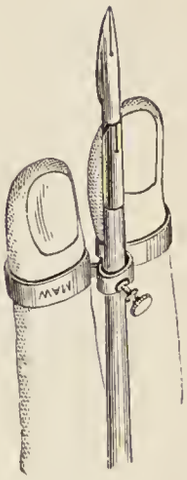
Surgical and Orthopædic Appliances, etc.—Contd.—



04064



04065

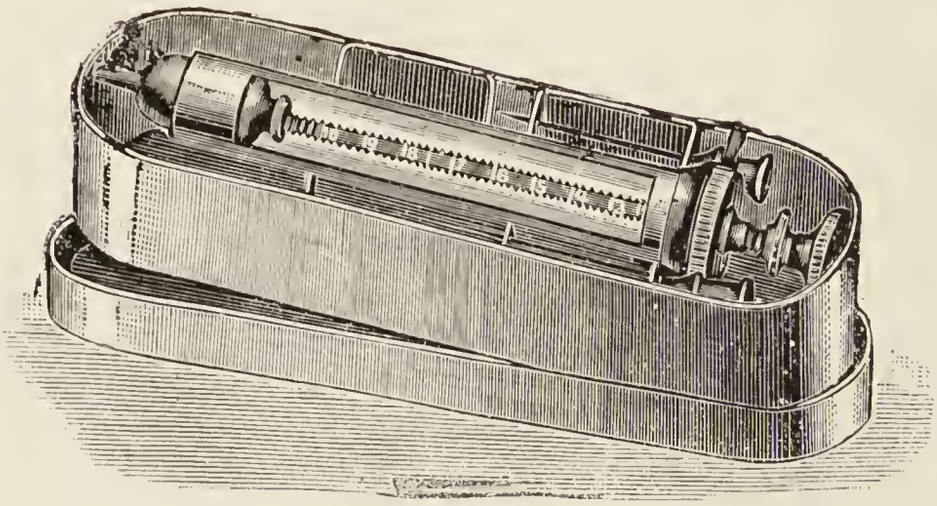


04066

Writer's Cramp Apparatus—

No.		£	s.	d.
04064	*Mathieu's, for use between thumb and first finger	0	5	0
04065	*Duchenne's, with palm ball	1	0	0
04066	*Duchenne's, for use between first and second finger	0	7	6

ANTITOXIN SYRINGES.



04067-8

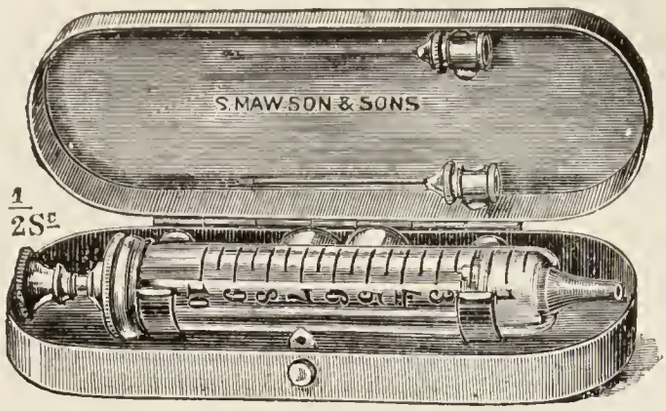
With India-rubber Plunger—

04067	Roux's 10 c.c., with 2 steel needles, in metal case	0	10	0
04068	Do. 20 c.c., with 2 steel needles and spare barrel, in metal case	0	13	6

If supplied with platino-iridium needles 1¾ in. long, 8/6 per needle extra.

* Made to order only.

Antitoxin Syringes—Contd.—

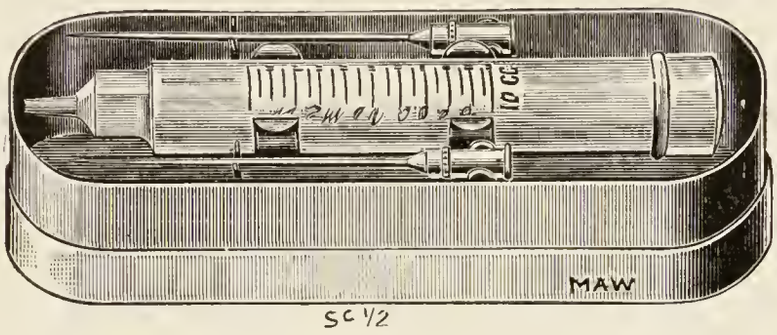


04069-70

With Asbestos Plunger—

No.		£	s.	d.
04069	10 c.c., with 2 steel needles in metal case	0	10	0
04070	20 c.c., do. do. do.	0	13	6

If supplied with platino-iridium needles $1\frac{3}{4}$ in. long, 8/6 per needle extra.

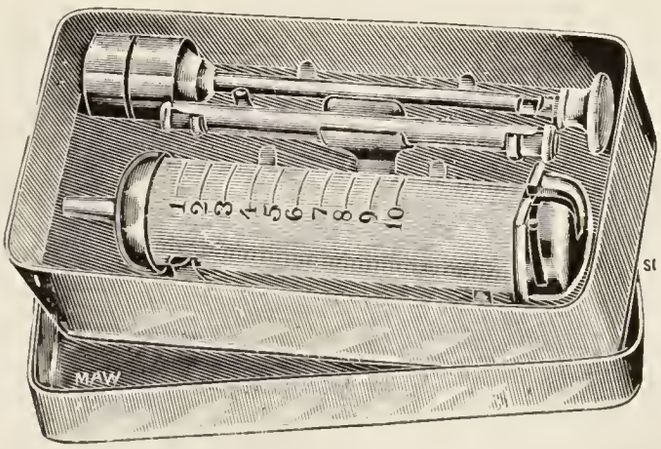


04073

With Glass Plunger—

04071	2 c.c. glass syringe, Lieberg's pattern, with removable end, graduated barrel and 2 steel needles, in metal case.. ..							0	9	6
04072	5 c.c.	do.	do.	do.	..	..	..	0	13	0
04073	10 c.c.	do.	do.	do.	..	..	..	0	16	6

If supplied with platino-iridium needles $1\frac{3}{4}$ in. long, 8/6 per needle extra.

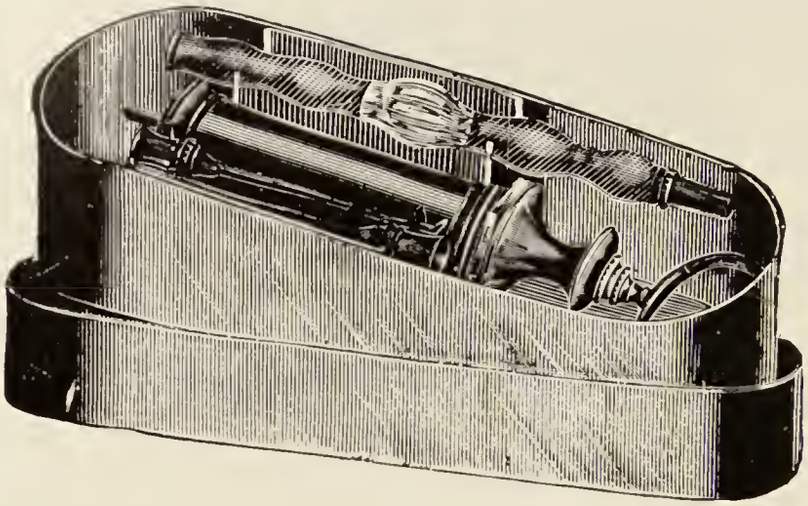


04075

With Metal Plunger—

04074	"Record" 5 c.c.							0	11	0
04075	Do. 10 c.c.							0	12	6
04076	Do. 20 c.c.							0	15	6
04077	New Barrels for ditto each, 5 c.c., 4/- ; 10 c.c., 4/6 ; 20 c.c.							0	5	6
04078	Spare Needles, steel .. .. .. per doz, from 7/6 to							0	12	0
04079	Do. do., platino-iridium .. .. .. each from							0	4	0

Antitoxin Syringes—Contd.—



04081

With Metal Plunger—

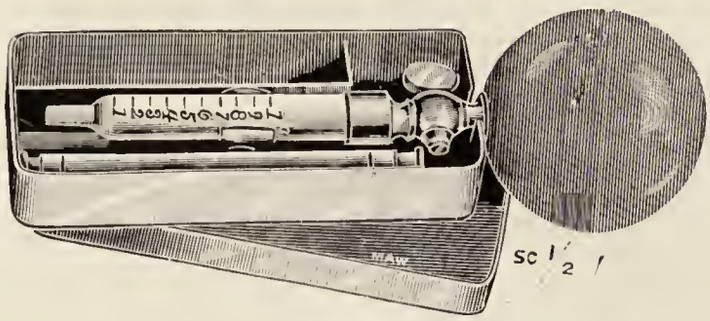
No.		£	s.	d.
04080	5 c.c. all Metal Syringe, with solid metal plunger and 2 steel needles in metal case	0	8	0
04081	10 c.c. do. do. do.	0	10	0
04082	20 c.c. do. do. do.	0	12	0

If supplied with platino-iridium needles 1¾ in. long, 8/6 per needle extra.

Accessories for Antitoxin Syringes—

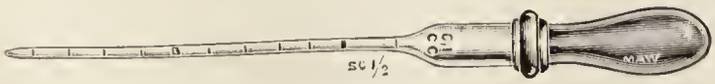
04083	India-rubber tubing, extra stout .. .. per 4 in. length	0	0	3
04084	Needles, steel .. .. each, 2 in., 1/6 ; 3 in.	0	1	9
04085	Do. platino-iridium, 9 m/m each, 1¾ in., 9/- ; 2¾ in.	0	11	6
04086	Spare Barrels for Roux's Syringes .. .. each	0	0	6
04087	Spare Plungers for do. .. .. per doz.	0	2	0
04088	Spare Washers for do. .. .. ,,	0	1	0

TUBERCULIN SYRINGES.



04089

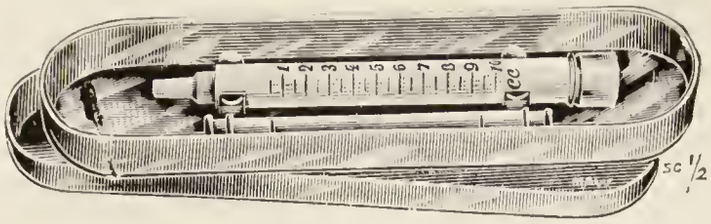
04089	Koch's 1 c.c., with india-rubber ball, spare barrel and 2 platino-iridium needles, in aseptic metal case	0	12	6
04090	Do. do., with 2 steel needles in leather case	0	5	0



04091

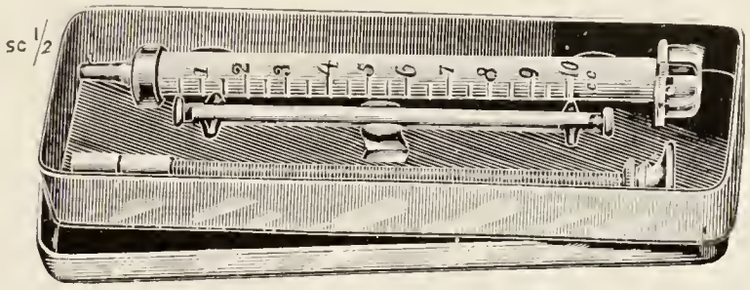
04091	Graduated Glass Pipettes with teat, for use with Koch's tuberculin syringe .. .. per doz.	0	5	0

Tuberculin Syringes—Contd.—



04092

No.		£	s.	d
04092	Lieberg's pattern, 1 c.c. all glass, divided into twentieths of a c.c., with 2 platino-iridium needles, in aseptic metal case with lift-out frame	0	13	0



04093

04093	"Record" 1 c.c. improved model, with long thin barrel divided into twentieths of a c.c., in aseptic metal case with lift-out frame	0	10	0

HYPODERMIC SYRINGES, Etc.

(*See also page* 398.)

04094

In Leather Cases—

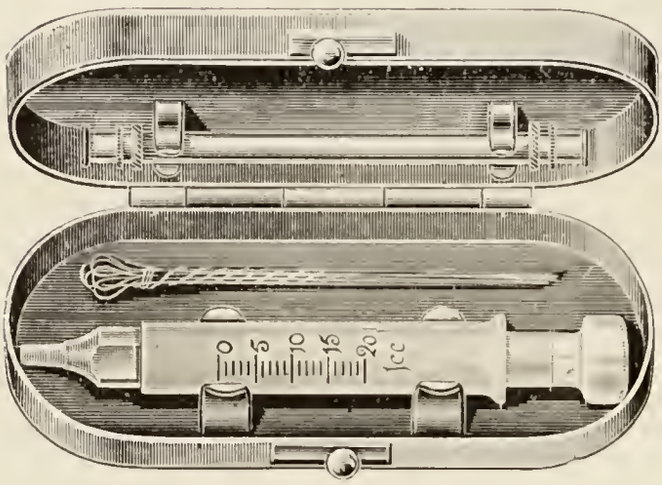
04094	Graduated glass barrel, with plated mounts, graduated piston rod, 2 steel needles, 12 tubes of tabloids, and glass pestle and mortar	0	12	6

If supplied with platino-iridium needles, from 3/- per needle extra.

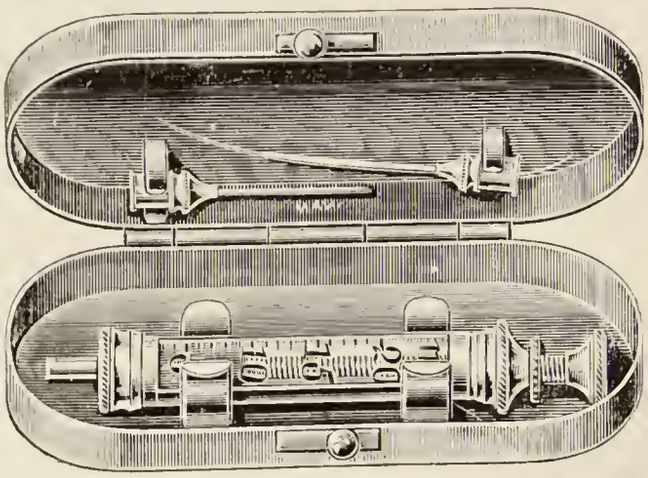
Hypodermic Syringes—Contd.—

04095

No.	In Leather Cases—Contd.—	£	s.	d.
04095	Glass Barrel, with plated sheaths and mount, and 6 aseptic interchangeable needles in glass tube	0	2	6



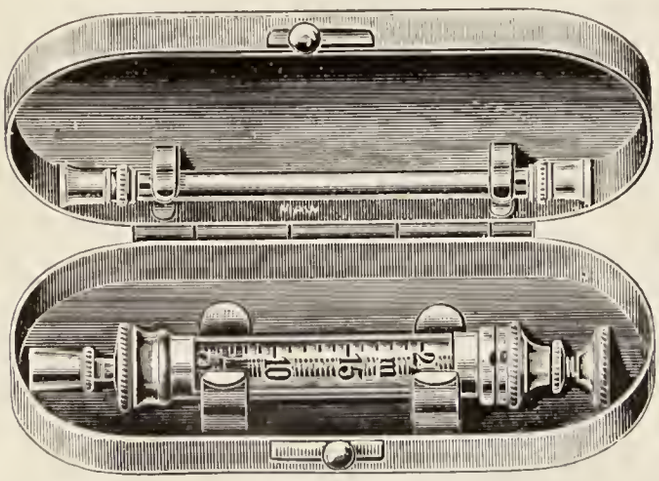
04097



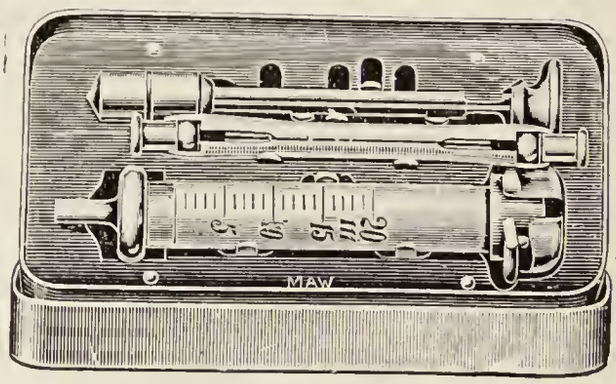
04098

In Metal Cases—

04096	All glass, Lieberg's, 1 cc. or 20 m/m, with solid glass piston and detachable endpiece	0	6	6
04097	Do. do. do., with best English needles	0	8	6
04098	Nickel-plated Mounts, with graduated glass barrel, self-lubricating piston and fly-nut, Maw's super quality	0	7	0



04099

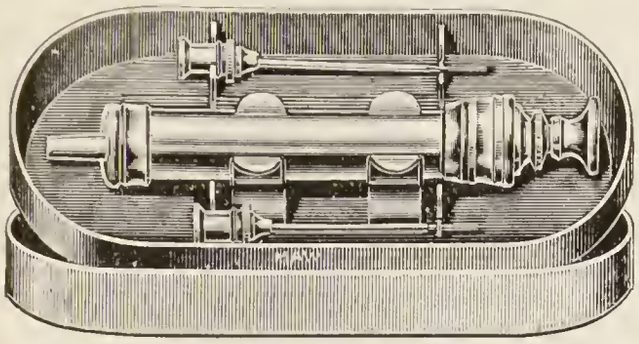


04100

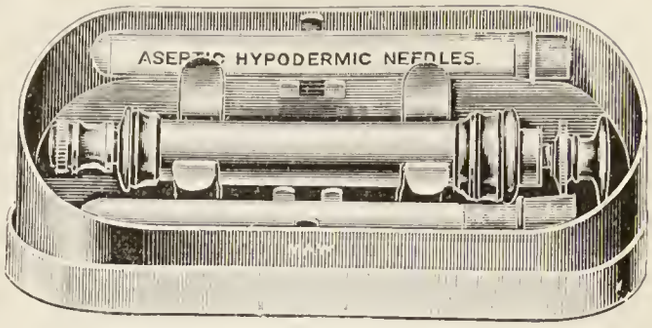
04099	Nickel-plated Mounts, with side bars, "B" quality	0	2	8
04100	"Record," glass, with nickel mounts and piston	0	4	6
04101	New Barrel for ditto	0	3	0
04102	Spare Needles, steel .. .. each, 4d.; per doz.	0	3	0
04103	*Do. do., platino-iridium .. .. each from	0	2	6

* Price liable to wide fluctuations.

Hypodermic Syringes, etc.—Contd.—



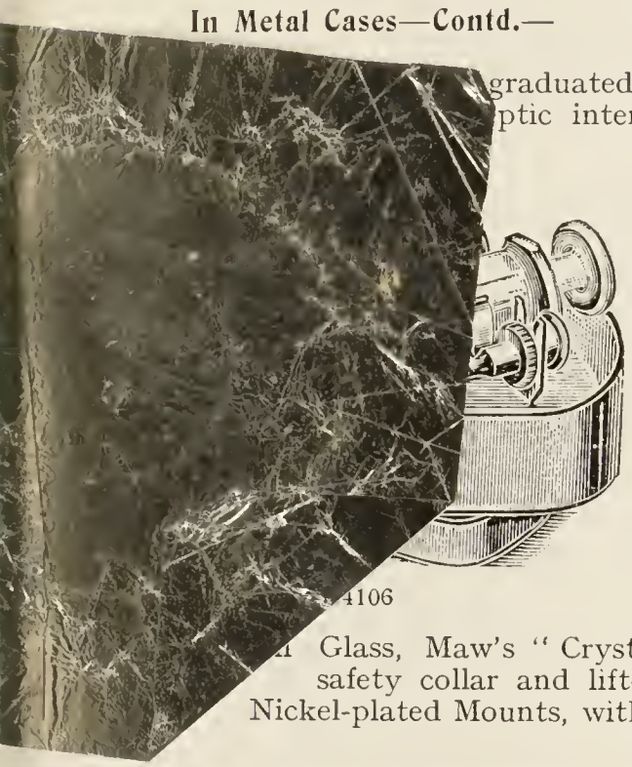
04104



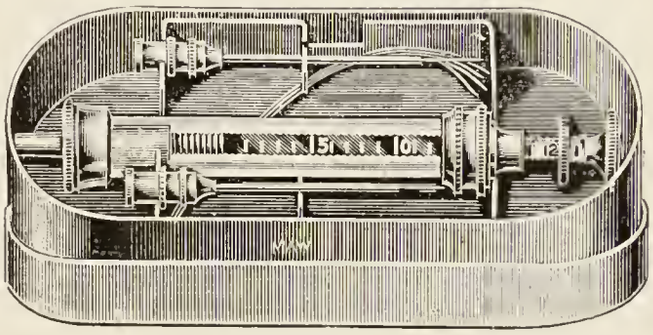
04105

In Metal Cases—Contd.—

	£	s.	d.
graduated metal piston and fly nut	0	3	6
ptic interchangeable needles	0	4	0

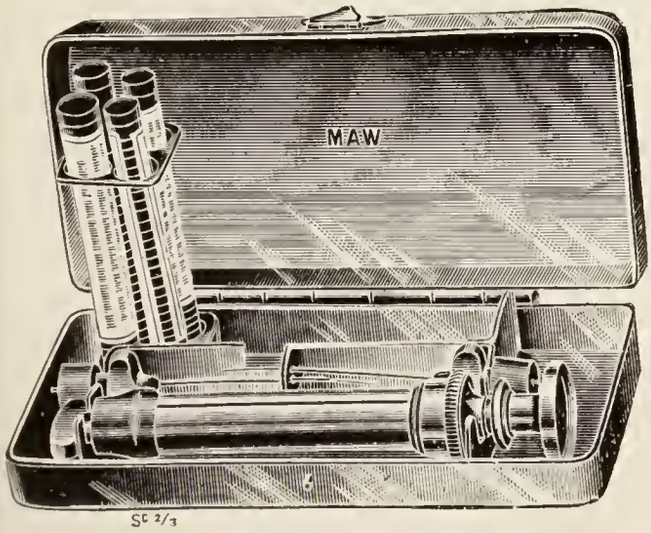


4106



04107

l Glass, Maw's "Crystal" (English make), with 2 needles, safety collar and lift-out rack	0	3	0
Nickel-plated Mounts, with graduated glass barrel, "B" quality	0	2	0



Sc 2/3

04108

½ Sc

04109

04108	All Metal, with metal piston, best English make, with plug end for tablets, complete in aseptic metal case with rack for 4 tubes of tablets	0	12	6
04109	Graduated Glass Barrel, with plated mounts, fly-nut, self-lubricating piston, 2 steel needles, exploring needle, glass pestle and mortar, and metal box for tabloids	0	14	0

Any of the above Syringes (except No. 04105) can be supplied with platino-iridium hypodermic needles, at an additional cost of from 3/- per needle.

Hypodermic Syringes, etc.—Contd.—

Hypodermic Accessories—

No.		£	s.	d.
04110	Needles, with plated mounts, steel. Best quality, per doz., 9/- ; " B " quality, each -/4, per doz.	0	2	6
04111	Do. do., platino-iridium .. .. each	0	3	6
04112	Do. with vulcanite mounts, steel .. each -/4 ; per doz.	0	2	6
04113	Do. Schimmel's interchangeable, nickel-plated, per tube of 6	0	0	6
04114	Do. do. do. gilt .. .. .. ,, ,,	0	0	9
04115	New Glass Barrel and Washer .. .. .. from -/8 to	0	1	6
04116	Renewal of Piston Leathers	0	0	6

Hypodermic Solutions (Huggett's), in Stoppered Bottles—

No.		¼-oz.	½-oz.	1-oz.	No.		¼-oz.	½-oz.	1-oz.
04117	Aconitine ..	2/-	4/-	7/-	04126	Eserine ..	3/-	5/6	10/-
04118	Apomorphine	1/6	2/6	5/-	04127	Hyoscyamine	2/6	4/6	8/-
04119	Atropine ..	1/3	2/-	3/6	04128	Morphia ..	1/-	1/6	2/6
04120	Caffeine ..	1/3	2/-	3/6	04129	Do. and Atropine ..	1/3	2/-	3/6
04121	Chloral ..	1/3	2/-	3/6					
04122	Cocaine ..	1/6	2/6	5/-	04130	Nitroglycerine	1/3	2/-	3/6
04123	Curare ..	1/6	2/6	5/-	04131	Pilocarpine ..	5/-	9/4	17/6
04124	Digitalis ..	1/6	2/6	5/-	04132	Strychnine ..	1/3	2/-	3/6
04125	Ergotine ..	1/-	1/6	2/6					

Hypodermic " Tabloid " brand products (B. W. & Co.)— Per doz. tubes.

04133	Apomorphine Hydrochloride.. ..	gr. $\frac{1}{15}$	[0·0043 gm.]	0	6	0
04134	Atropine Sulphate	gr. $\frac{1}{100}$	[0·00065 gm.]	0	6	0
04135	*Caffeine Sodio-salicylate	gr. $\frac{1}{2}$	[0·032 gm.]	0	8	0
04136	Cocaine Hydrochloride	gr. $\frac{1}{6}$	[0·011 gm.]	0	6	0
04137	* Do. do.	gr. $\frac{1}{4}$	[0·016 gm.]	0	6	0

Cocaine is liable to sudden and wide fluctuations in price.

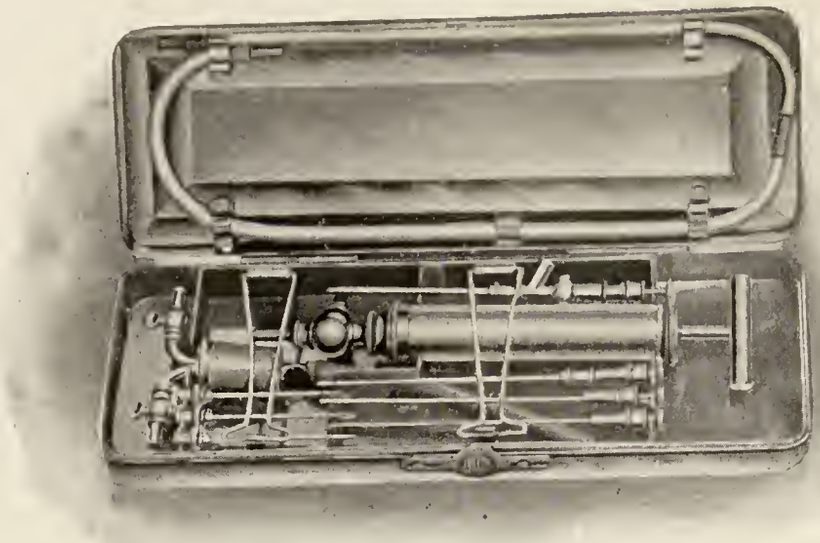
04138	Digitalin	gr. $\frac{1}{100}$	[0·00065 gm.]	0	6	0
04139	Digitalin	gr. $\frac{1}{100}$	[0·00065 gm.]	0	6	0
	Strychnine Sulphate	gr. $\frac{1}{100}$	[0·00065 gm.]			
04140	Ergotinine Citrate	gr. $\frac{1}{200}$	[0·00032 gm.]	0	8	0
04141	Eserine Salicylate (Physostigmine Salicylate)	gr. $\frac{1}{100}$	[0·00065 gm.]	0	6	0
04142	*Eucaine Hydrochloride	gr. $\frac{1}{3}$	[0·022 gm.]	0	6	0
04143	Hyoscine Hydrobromide	gr. $\frac{1}{200}$	[0·00032 gm.]	0	6	0
04144	Hyoscine Compound, A.	..	.. .. ..	0	8	0
	℞ Hyoscinæ Hydrobrom.	..	gr. $\frac{1}{100}$	[0·00065 gm.]		
	Morphinæ Sulphatis	..	gr. $\frac{1}{6}$	[0.011 gm.]		
	Atropinæ do.	..	gr. $\frac{1}{80}$	[0 00036 gm.]		
04145	Morphine Hydrochloride	gr. $\frac{1}{6}$	[0·011 gm.]	0	6	0
04146	Do. do.	gr. $\frac{1}{4}$	[0·016 gm.]	0	6	0
04147	* Morphine Hydrochloride	gr. $\frac{1}{6}$	[0·011 gm.]	0	6	0
	Atropine Sulphate	gr. $\frac{1}{70}$	[0·0009 gm.]			
04148	Morphine Sulphate	gr. $\frac{1}{8}$	[0·008 gm.]	0	6	0
04149	Do. do.	gr. $\frac{1}{6}$	[0·011 gm.]	0	6	0
04150	Do. do.	gr. $\frac{1}{4}$	[0·016 gm.]	0	6	0
04151	Morphine Sulphate	gr. $\frac{1}{6}$	[0·011 gm.]	0	6	0
	Atropine Sulphate	gr. $\frac{1}{180}$	[0·00036 gm.]			
04152	Morphine Sulphate	gr. $\frac{1}{4}$	[0·016 gm.]	0	6	0
	Atropine Sulphate	gr. $\frac{1}{150}$	[0·00043 gm.]			
04153	Morphine Sulphate	gr. $\frac{1}{4}$	[0·016 gm.]	0	6	0
	Strychnine Sulphate	gr. $\frac{1}{60}$	[0·00108 gm.]			
04154	Morphine Tartrate	gr. $\frac{1}{4}$	[0·016 gm.]	0	6	0
04155	Pilocarpine Nitrate	gr. $\frac{1}{10}$	[0·0065 gm.]	0	9	0

Pilocarpine is liable to sudden and wide fluctuations in price.

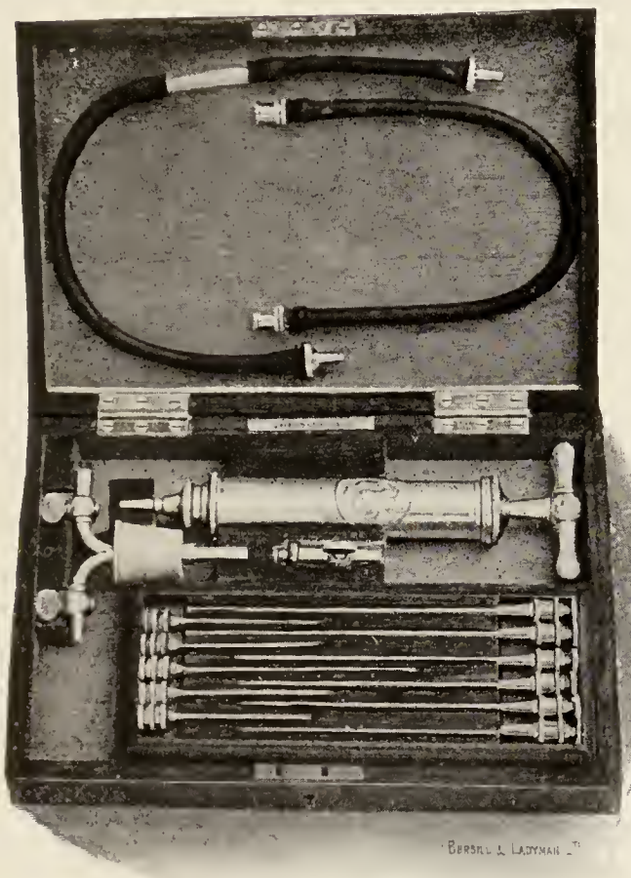
04156	*Potassium Permanganate	gr. 2	[0·13 gm.]	0	6	0
04157	*Quinine Hydrobromide	gr. $\frac{1}{2}$	[0·032 gm.]	0	8	0
04158	Strychnine Nitrate	gr. $\frac{1}{15}$	[0·0043 gm.]	0	8	0
04159	Do. Sulphate	gr. $\frac{1}{100}$	[0·00065 gm.]	0	6	0
04160	Do. do.	gr. $\frac{1}{60}$	[0·00108 gm.]	0	6	0

In Tubes containing 20 each, except those marked with an asterisk, which contain only 12.

ASPIRATORS AND EXPLORING SYRINGES.

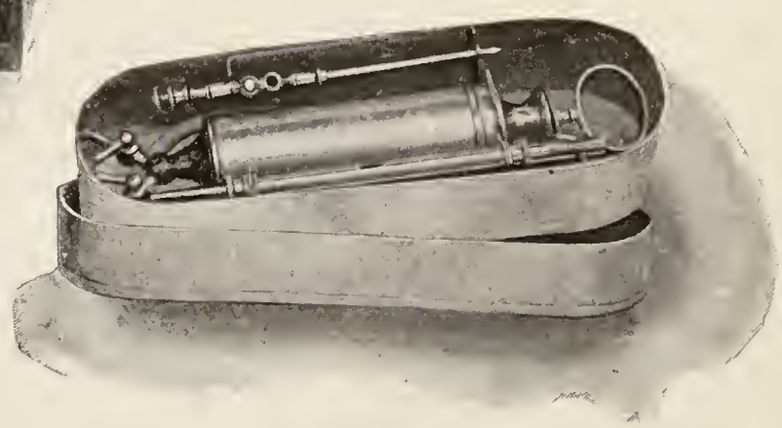


04161

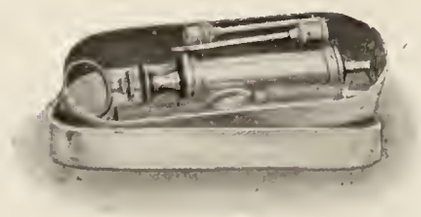


04163

04164



04165



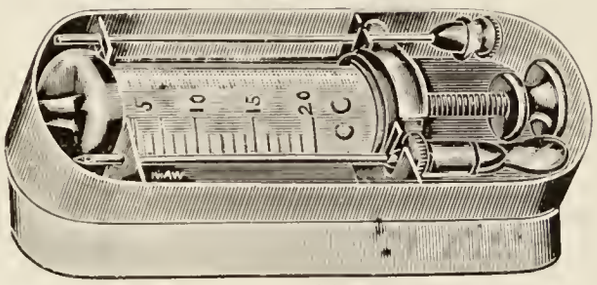
04170

04171

Aspirators and Exploring Syringes—Contd.—

Aspirators—

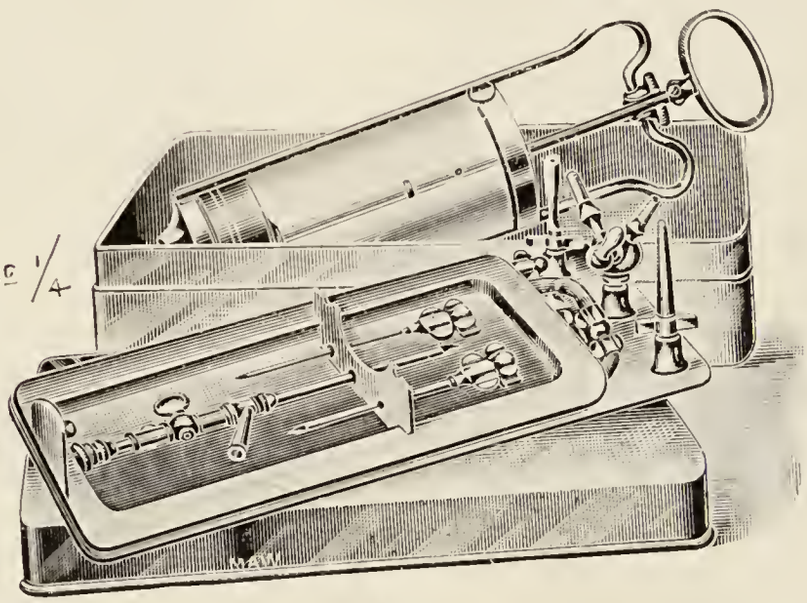
No.		£	s.	d.
04161	Potain's, with solid metal plunger, 2 trocars, canulæ and blunt pilots, and 3 needles, in aseptic metal case, with lift-out rack	2	5	0
04162	Do. with 4 needles and 2 trocars and canula, in leather ..	1	5	0
04163	Do. do., superior make, in polished oak case	3	0	0
04164	MAW's, brass, adaptable to any size bottle, with 3 needles, in polished oak case	1	7	0
04165	Dieulafoy's, all metal, with solid metal plunger, trocar and canula, 2 needles and 2 ear pipes, in aseptic metal case ..	2	0	0
04166	Do. with glass barrel, plated mounts, 2 trocars and canulæ, and 4 needles, in aseptic metal case, with lift-out rack ..	2	5	0
04167	Do. with glass barrel, plated mounts, 2 trocars and canulæ, and 4 needles, in leather-covered case	1	16	0



SC 1/3

04168

04168	Gauvain's 20 c.c., with trocar, canula and blunt pilot, for tubercular abscess, in aseptic metal case	1	10	0



SC 1/4

04169

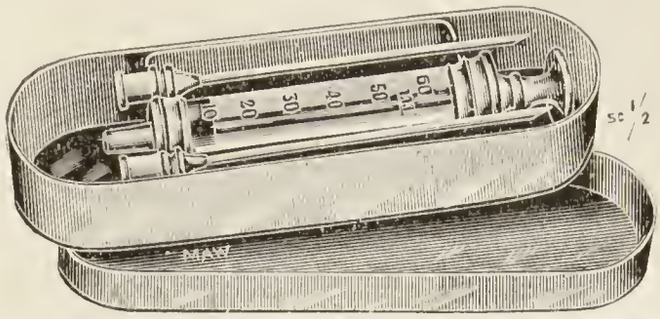
04169	"Record," with 2 ear pipes (conical and bulbous), 2 needles, Potain's trocar and canula, with side branch and 2-way stopcock, in aseptic metal case, with lift-out frame ..	3	0	0

The "Record" Aspirator is made with a solid metal piston working in a glass barrel. Before sterilizing the instrument it is necessary to remove the piston and plunger from the barrel, otherwise breakage is bound to occur.

Exploring Syringes—

04170	All Metal Syringe, 10 c.c., with solid metal plunger and 2 long exploring needles, in aseptic metal case	0	12	6
04171	Glass Syringe, 60 m., nickel-plated mounts, self-lubricating piston, 2 needles, and silver sinus pipe, in aseptic metal case	0	14	6
04172	Do. 80 m. do. do. do. do.	0	16	6

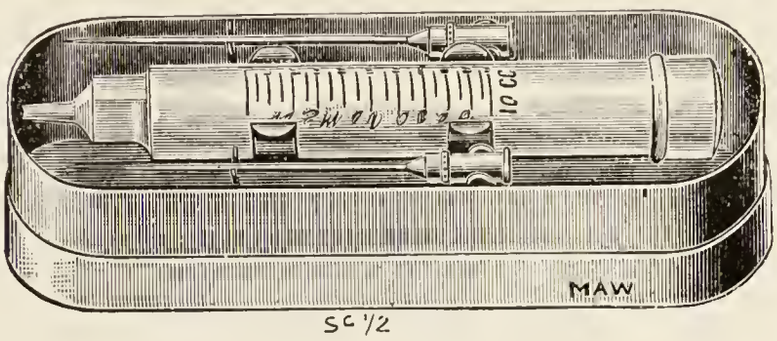
Aspirators and Exploring Syringes—Contd.



04171-76

Exploring Syringes—Contd.—

No.		£	s.	d.
04173	Glass Syringe, 60 m., with nickel-plated mounts and side bars, self-lubricating piston and 2 needles, 2½ in. long	0	14	6
04174	Do. 80 m. do. do.	0	15	6
04175	Do. 60 m., as No. 04173, but with the addition of a silver sinus pipe	0	15	6
04176	Do. 80 m. do. do. do.	0	17	6

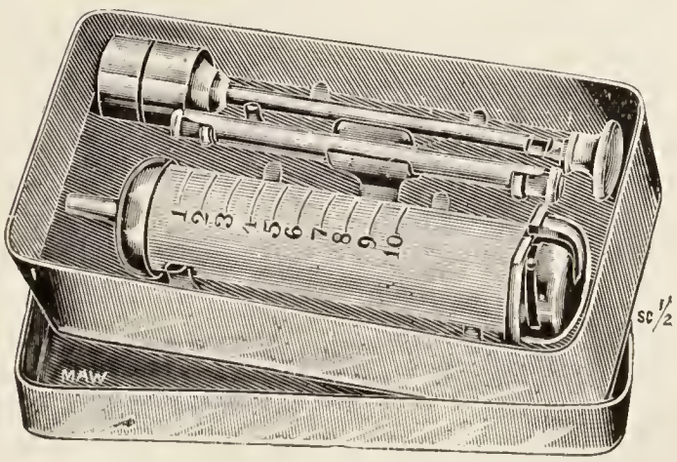


Sc 1/2

04179

All glass, Lieberg's pattern, with two 3-in. needles of different calibre—

04177	2 c.c.	0	11	0
04178	5 c.c.	0	14	6
04179	10 c.c.	0	18	0
04180	20 c.c.	1	2	6

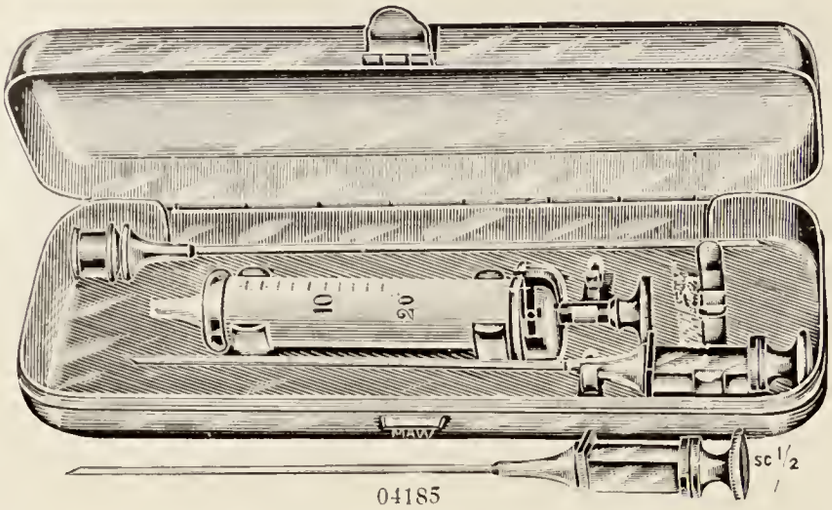


04183

"Record," with two 3-in. needles of different calibre, in aseptic metal case—

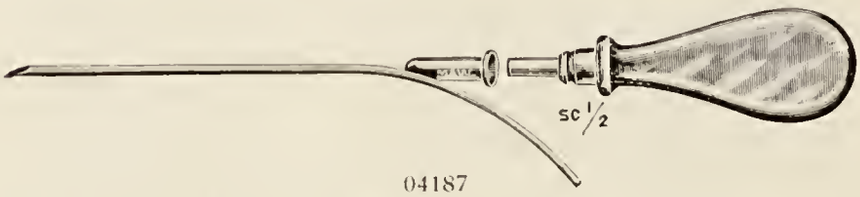
04181	2 c.c.	0	10	6
04182	5 c.c.	0	12	6
04183	10 c.c.	0	14	0
04184	20 c.c.	0	17	0

SYRINGES, Etc., FOR LUMBAR PUNCTURE AND SPINAL ANALGESIA.



04185

No.		£	s.	d.
04185	Barker's, 2 c.c., with 2 nickel needles, fitted with obturators and silver canula, in aseptic metal case	1	5	0
04186	Porter's, all metal, 20 c.c., with metal piston, straight and curved needle carriers, tube of 6 aseptic interchangeable needles, 4 sharp and 4 blunt canulæ, complete in aseptic case, with lift-out frame	2	0	0



04187

04187	Needle, Emery's, with detachable handle, for lumbar puncture	0	5	0

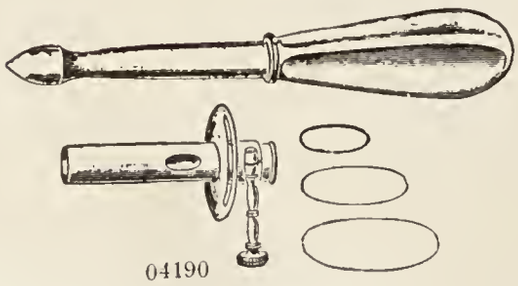
TROCARS.

04188

04189

For Ascites—

04188	With shoulder at proximal end of canula for attachment of tubing, 2 sizes .. .. 6/- and	0	7	0
04189	With stop-cock, 2 sizes .. .. 12/- and	0	13	6



04190

04191

For Empyema—

04190	Turner's, with adjustable silver canula, 3 sizes .. ..per set	2	8	0

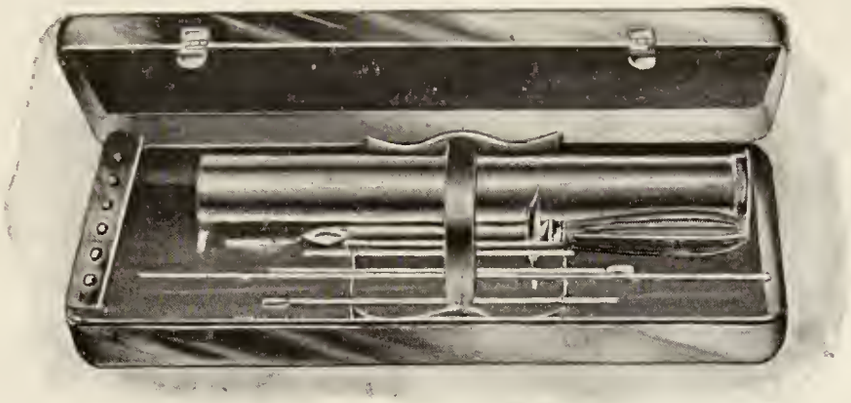
For Exploring—

04191	Pocket Exploring Trocar, with silver canula, in screw metal case, 4 sizes .. .. each	0	4	6

Trocars—Contd.—

04192

No.	For Hydrocele—	£	s.	d.
04192	With canula to fit hydrocele syringe	0	5	0
04193	Do. do., with hydrocele syringe, in leather case ..	0	15	6
04194	Syringe alone, ivory-mounted	0	5	6

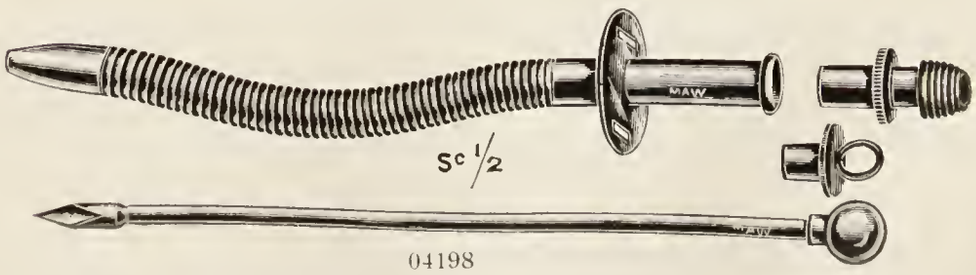


04196

	For Liver Abscess—			
04195	Godlee's, grooved, with metal handle	0	18	0
04196	Patrick Manson's, in aseptic metal case	3	0	0

04197

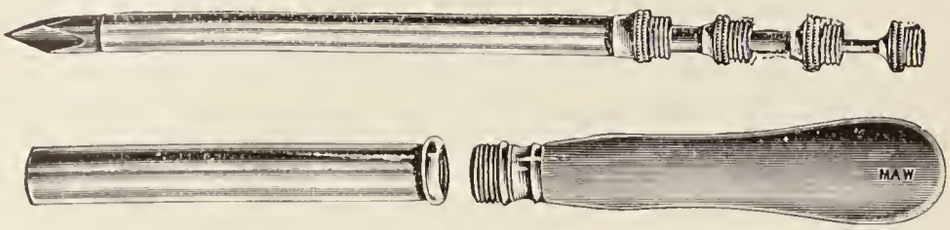
04197	Cantlie's, in japanned tin case, consisting of trocar, canula, exploring syringe, cyrtometer, 3 tubes, introducer, pinch-cock, funnel, wool box, glass unions, bottle and 3 ft. rubber tubing	2	10	0



04198

04198	Rogers's, with flexible silver canula, 4 sizes each, $\frac{5}{32}$ in., 18/- ; $\frac{7}{32}$ in., 19/- ; $\frac{9}{32}$ in., 20/- ; $\frac{11}{32}$ in.	1	1	0

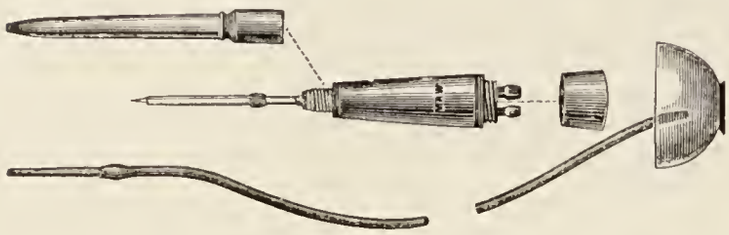
Trocars—Contd.—



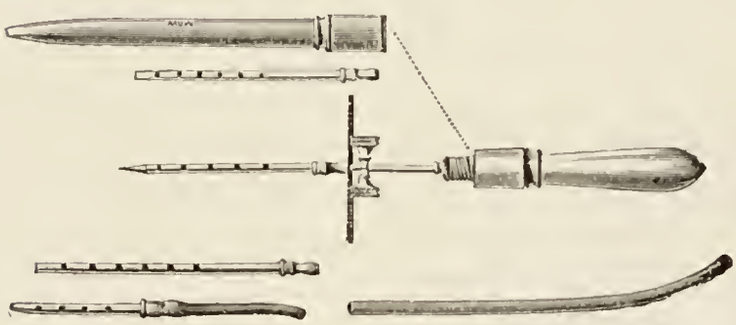
04200

Pocket Trocars—

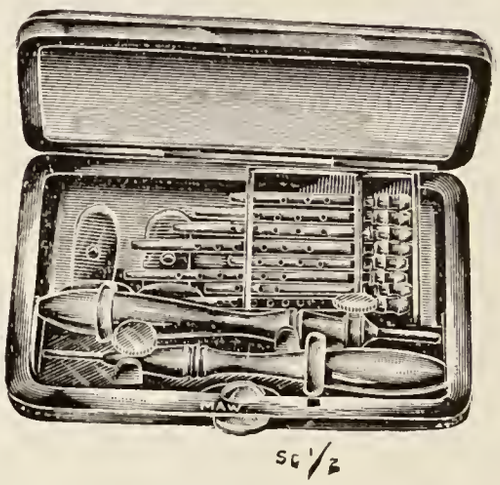
No.		£	s.	d.
04199	Set of 3, nested, with metal handle and screw cap	0	8	6
04200	Set of 4, do. do. do. do.	0	10	0



04201



04203



04205

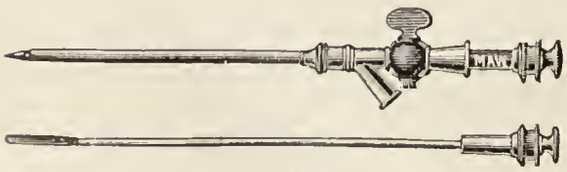
Southey's Capillary Trocars—

04201	For Anasarca, with metal handle, and 4 ft. of capillary tubing .	0	7	6
04202	Do. do. do. in aseptic metal case ..	0	10	6
04203	For Ascites, with metal handle, shield, and 4 ft. of capillary tubing	0	12	6
04204	Do. do. do. in aseptic metal case ..	0	19	0
04205	Combined set, for Anasarca and Ascites, with metal handle and shield, in aseptic metal case, with 4 ft. of capillary tubing	1	8	6
04206	Do. do. do., in leather case	1	7	0

04207

Thoracic Trocars—

04207	Douglas Powell's	0	13	6



04208

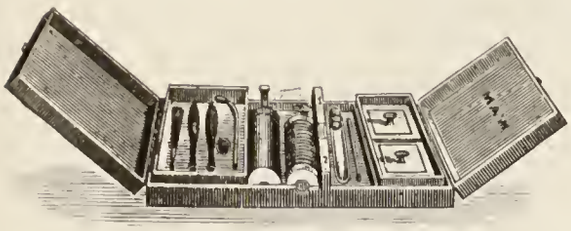
04209

04208	Potain's, with blunt pilot	0	9	6
04209	Thompson's, with side branch	0	7	0

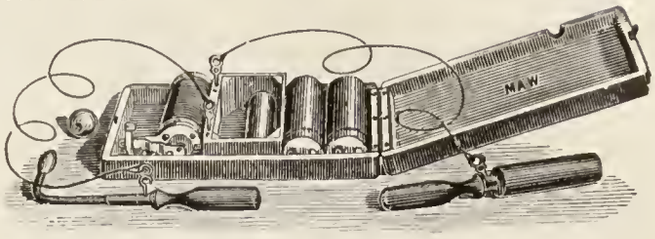
(*For Bladder Trocars, see pages* 225 *and* 226.)

ELECTRO-MEDICAL APPARATUS.

BATTERIES AND ELECTRODES.

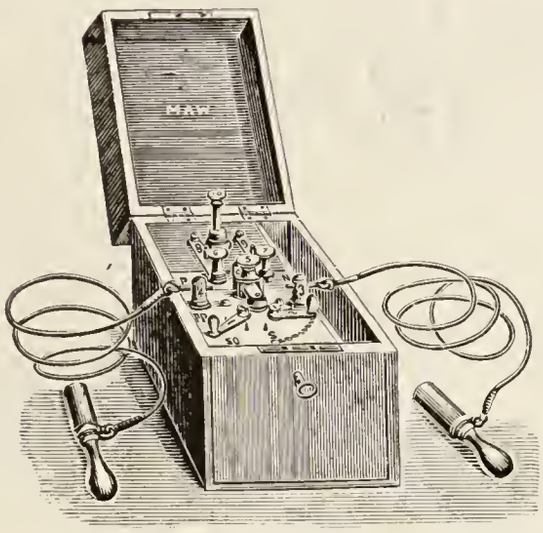


04210

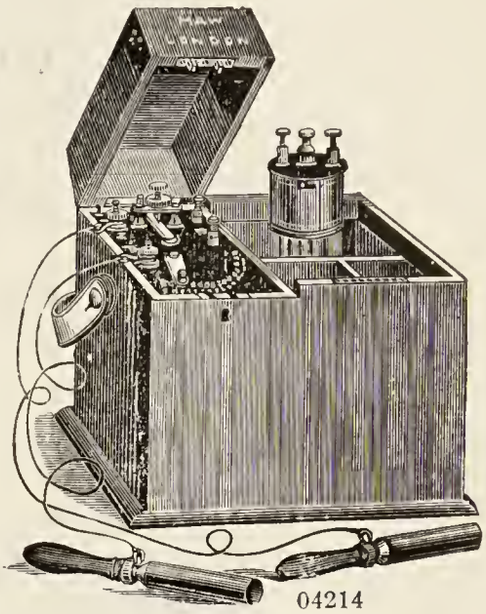


04211

No.	**Batteries,** Induced Current for Faradization—	£	s.	d.
04210	Gaiffe's, with 2 bisulphate of mercury cells, cords and handles, in mahogany case; size, $6\frac{1}{2}$ by $3\frac{3}{4}$ by $1\frac{1}{2}$ in.; weight, 19 oz.	1	6	0
04211	Gaiffe's, with 2 silver chloride cells, cords, handles and 2 electrodes, in mahogany case; size, $6\frac{1}{2}$ by 4 by $1\frac{1}{2}$ in.; weight, 19 oz.	2	0	0

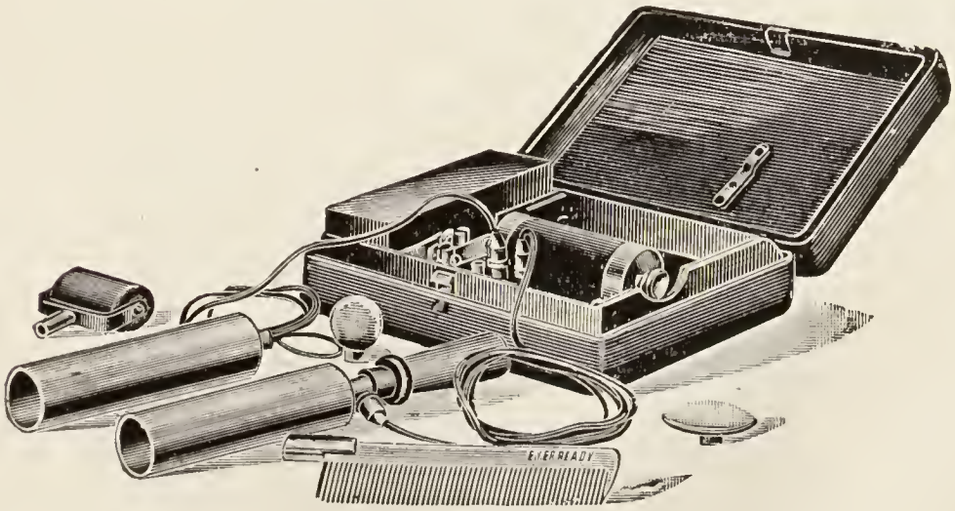


04212



04214

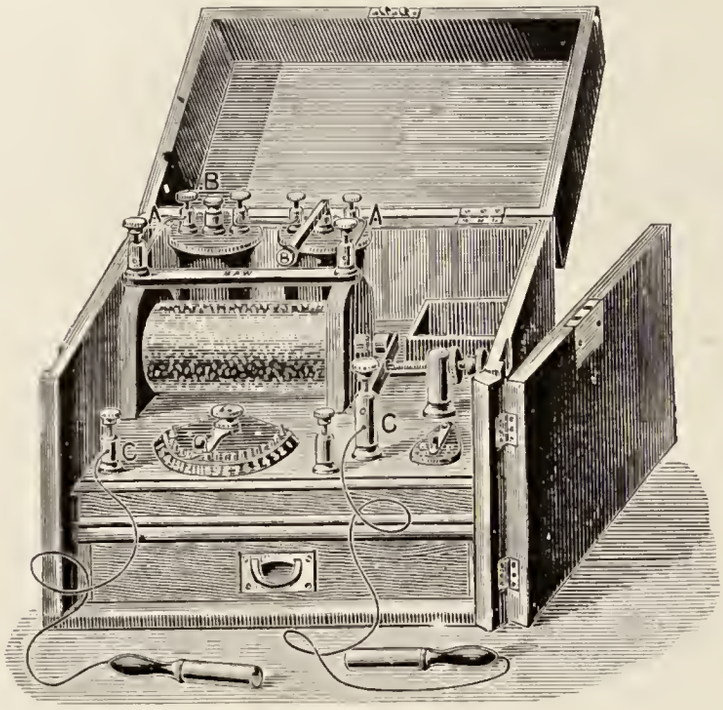
04212	Mackenzie's, with glass bichromate cell, commutator for primary and secondary current, lever for regulating strength of current, cords, handles and 2 sponge carriers, in polished mahogany case; size $6\frac{1}{2}$ by 5 by 5 in.; weight, $3\frac{3}{4}$ lbs.	2	5	0
04213	Do. do. with dry cell	2	2	6
04214	Middlesex Hospital Model, with bottle bichromate cell in separate lead-lined compartment, commutator for primary and secondary current, lever for regulating the strength of the current, cords, handles and 2 sponge carriers in polished mahogany case; size, $7\frac{1}{2}$ in. by $6\frac{1}{8}$ in. by $7\frac{1}{2}$ in.; weight, $8\frac{1}{4}$ lbs.	3	15	0



04215

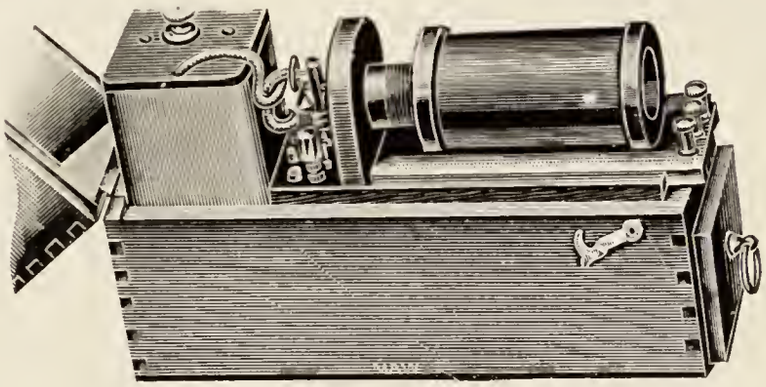
04215	Maw's, "Primus" dry cell, in leather-covered case, with fittings, as illustrated, size $6\frac{1}{8} \times 4\frac{1}{8} \times 2$ in.	0	15	0
04216	Re-fill cells	0	1	0

Electro-Medical Apparatus—Contd.—



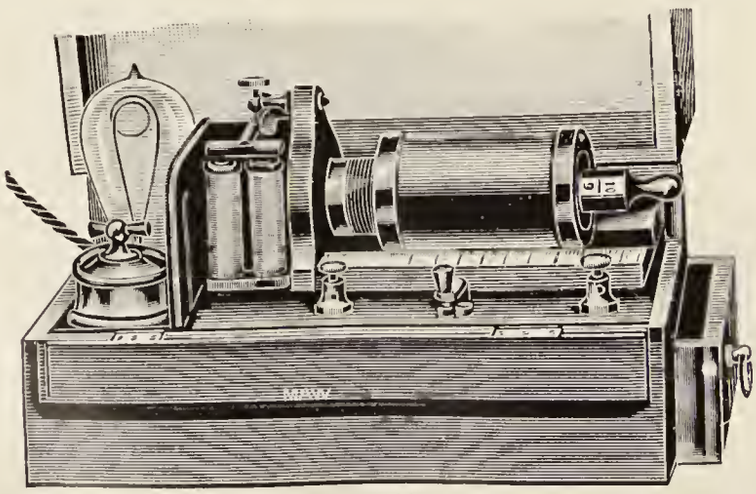
04217

No.	Batteries, Induced Current—Contd.—	£	s.	d.
04217	Police Surgeon's Battery, with fittings as No. 04214, but with 2 bichromate cells instead of 1 .. .. Size, 11½ in. by 10½ in. by 9 in.; weight, 17 lbs.	7	12	6
04218	Bichromate salts for charging bichromate cells, in bottles sufficient for ½ pt., 1 pt. or 2 pts. .. per bottle, -/7, 1/2 and	0	2	0
04219	Conducting Cords, silk-covered .. .. .. per pair	0	1	0



04220

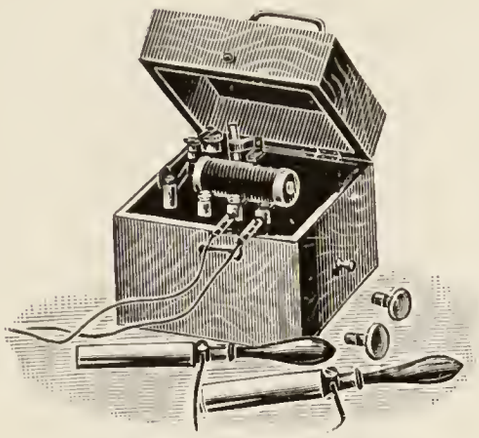
04220	Sledge Coil, Lewis Jones's, with dry cell	2	0	0
04221	Spare Dry Cell	0	2	6



04222

04222	Sledge Coil, to work from the main electrical supply, with electrodes, cords and handles, in polished mahogany case	4	10	0

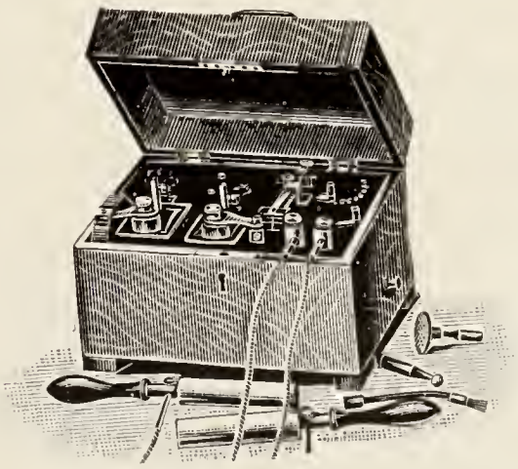
Electro-Medical Apparatus—**Contd.**—



04223

04225

No.	**Batteries,** Induced Current—**Contd.**—	£	s.	d.
04223	Spamer's, with single bichromate cell, cords, handles, sponge carriers, spare zinc and 2 electrodes, in polished mahogany case	1	1	0
	Size, 6½ in. by 3 in. by 5 in.; weight, 2½ lbs.			
04224	Do. do. with dry cell	1	1	0
04225	Spamer's, with single bichromate cell, commutator for primary and secondary current, lever for regulating the strength of the current, cords, handles, sponge carriers, spare zinc and 3 electrodes, in polished mahogany case	1	13	0
	Size, 5 in. by 5 in. by 5 in.; weight, 3½ lbs.			
04226	Do. with dry cell do. do. ..	1	13	0

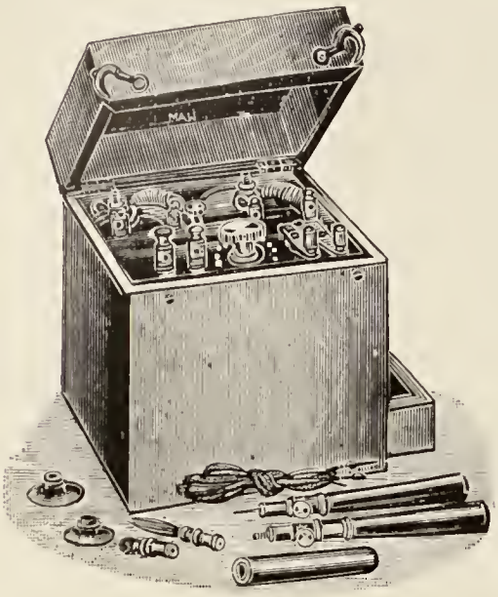


04227

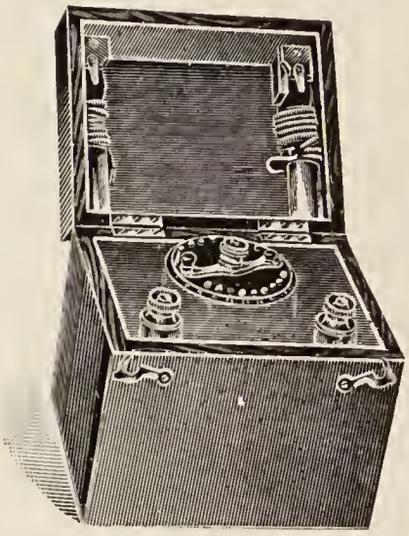
04227	Spamer's, with connections and fittings as No. 04225, but with 2 bichromate cells instead of 1, and polished mahogany case	2	8	0
	Size, 7¼ in. by 5¼ in. by 5 in.; weight, 5¼ lbs.			
04228	Do. do. with 2 dry cells	2	8	0
04229	Spare Cells for recharging batteries Nos. 04223 to 04228 each, Dry, **1/9**; Wet	0	2	9
04230	Spare Zincs for do. .. per doz., round, **2/-**; square	0	2	6

N.B.—All batteries supplied by S. Maw, Son & Sons are carefully tested before being sent out, but a safe delivery cannot be guaranteed since they often meet with rough treatment during transit. A battery that has once been used cannot under any circumstances be exchanged or credited.

Electro-Medical Apparatus—Contd.—



04231

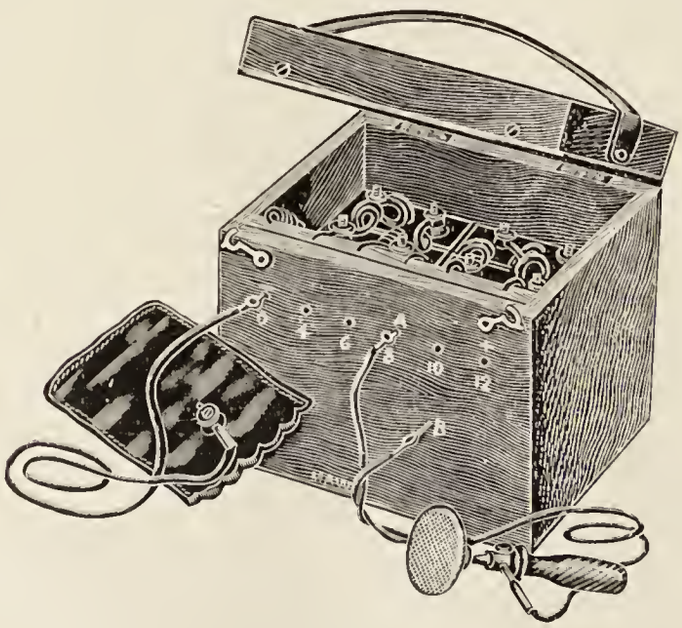


04232-33

No.		£	s.	d.
	Batteries, Induced Current—**Contd.**—			
04231	"The Sterling," with 2 dry cells, commutator for primary and secondary current, thumb screw for regulating the strength, cords, handles, sponge carriers and 4 electrodes, in oak case	1	16	0
	Dimensions, 7 in. by $6\frac{3}{4}$ in. by 8 in.; weight, 9 lbs. 10 oz.			
	Batteries, Constant Current, for Galvanism—			
	Leclanché, dry cell, with MAW's registered "cut-out" mechanism, cords, handles and sponge carriers, in polished walnut case, 2 sizes—			
04232	12 cells, size 7 in. by 7 in by $7\frac{1}{2}$ in.; weight, 10 lbs. ..	3	0	0
04233	20 cells, size $8\frac{1}{2}$ in. by 7 in. by $7\frac{1}{2}$ in.; weight, 14 lbs. ..	3	17	6

The advantage gained by the above-mentioned "cut-out" mechanism is considerable since each set of cells of which the battery is composed can be used to an equal extent until all are worn out, whereas in the usual form of battery the first few cells, from constant use, are soon exhausted, and the whole battery is thereby rendered useless until they are replaced.

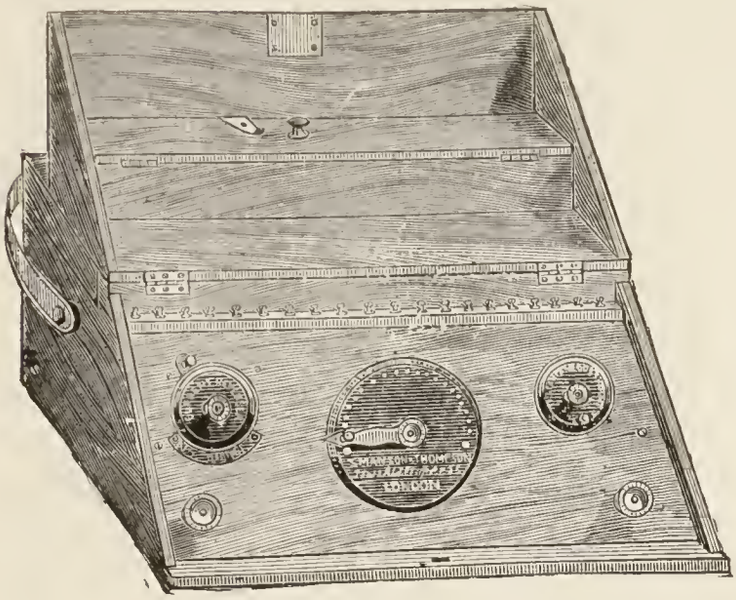
	Leclanché, dry cell, original model—			
04234	28 or 32 cells, size 13 in. by 12 in. by $7\frac{1}{2}$ in.; weight, 29 lbs.	5	0	0



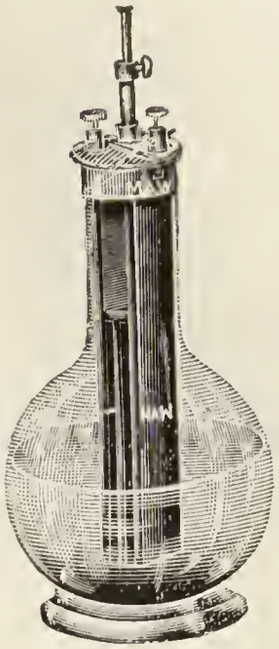
04235-37

	MAW's, dry cell, in oak case, with cords, handles and electrodes—			
04235	6 cells, size $3\frac{1}{2}$ in. by 5 in. by $6\frac{1}{2}$ in.; weight, $4\frac{1}{2}$ lbs. ..	1	2	6
04236	12 cells, size 5 in. by 5 in. by $6\frac{1}{2}$ in.; weight, $9\frac{1}{2}$ lbs. ..	2	2	0
04237	18 cells, size 5 in. by $9\frac{1}{2}$ in. by $6\frac{1}{2}$ in.; weight, $12\frac{1}{2}$ lbs. ..	2	14	0
04238	Refitting new cells .. .. each	0	1	9

Electro-Medical Apparatus—Contd.—

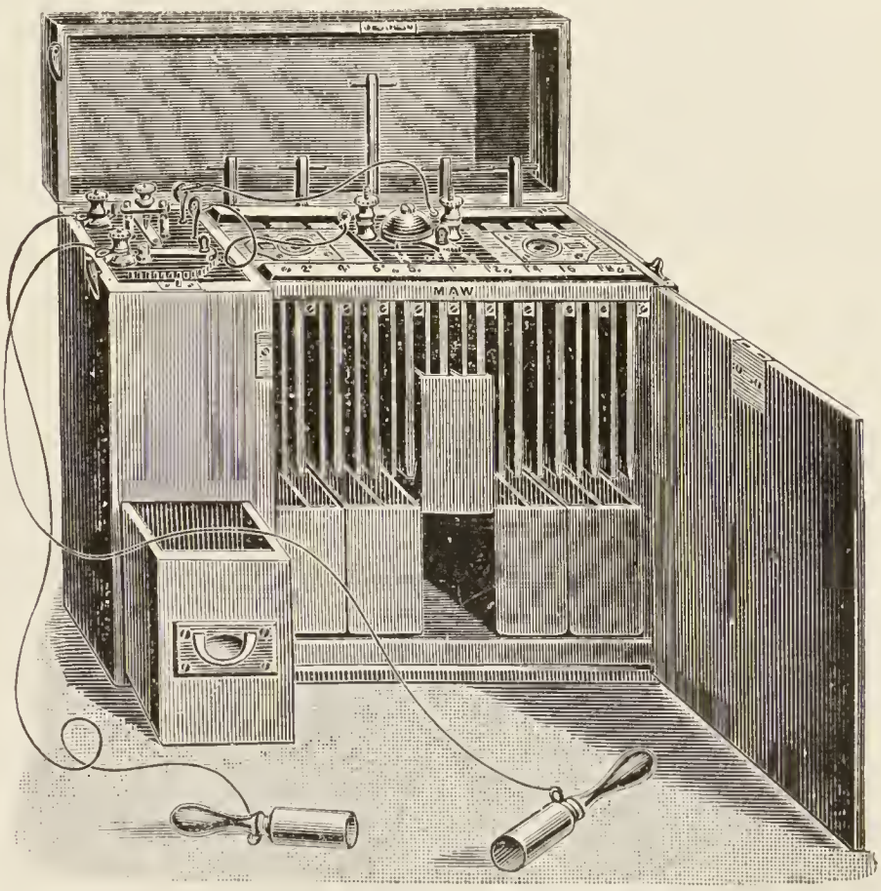


04239



04241-42

No.	**Batteries,** Constant Current, for Galvanism—**Contd.**—	£	s.	d.
	Leclanché, with current reverser and interruptor, cords, handles, sponge carriers and 2 electrodes, in polished walnut case—			
04239	20 cells, size 12½ in. by 9¼ in. by 8 in.; weight 18 lbs. ..	5	0	0
04240	50 cells, size 16½ in. by 13½ in. by 8 in.; weight 38 lbs. ..	6	10	0
04241	Grenet's Bichromate Bottle .. .. 1 pt.	0	7	6
04242	Do. do. do. .. .. 2 pt.	0	12	6



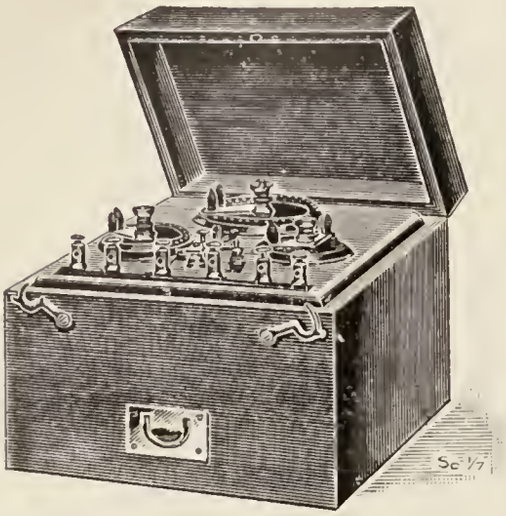
04243

Battery, Combined, for Constant and Induced Current—

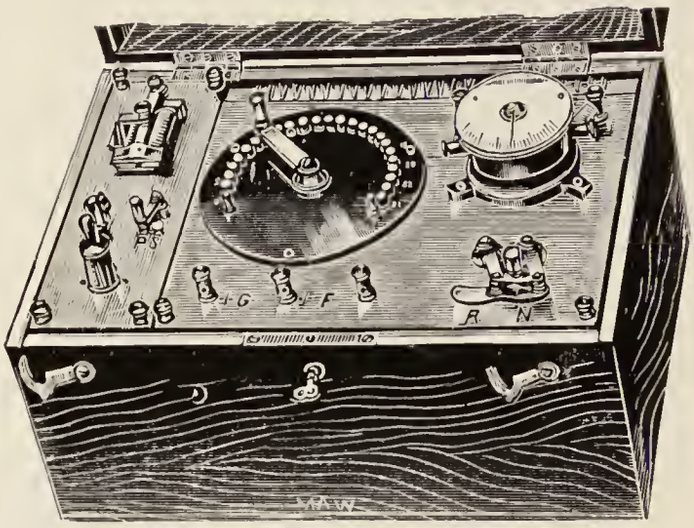
04243	Maw's, 20 cells, with current collector, current reverser, cords, 2 electrodes and handles, in polished mahogany case .. .. Size, 14½ in. by 6½ in. by 12 in.; weight, 25 lbs. 8 ozs.	9	0	0

N.B.—All batteries supplied by S. MAW, SON & SONS are carefully tested before being sent out, but a safe delivery cannot be guaranteed, since they often meet with rough treatment during transit. A battery that has once been used cannot under any circumstances be exchanged or credited.

Electro-Medical Apparatus—Contd.—

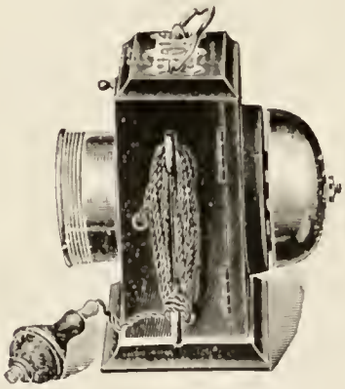


04244

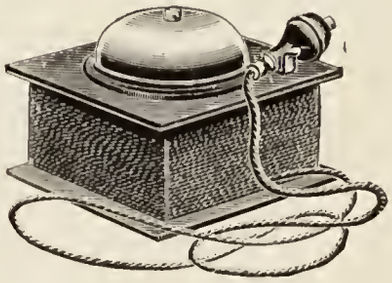


04245

No.	**Batteries,** Combined, for Constant and Induced Current—**Contd.—**	£	s.	d.
04244	Combined Battery, 20 cell, in mahogany case, for Electrolysis, Faradism, Galvanism and Light	5	10	6
04245	Do. do., 24 cell, with current collector, current reverser, induction coil, Milliampere meter, large dry cell for working the coil, 5 electrodes, handles and cords, in oak case ..	8	10	0



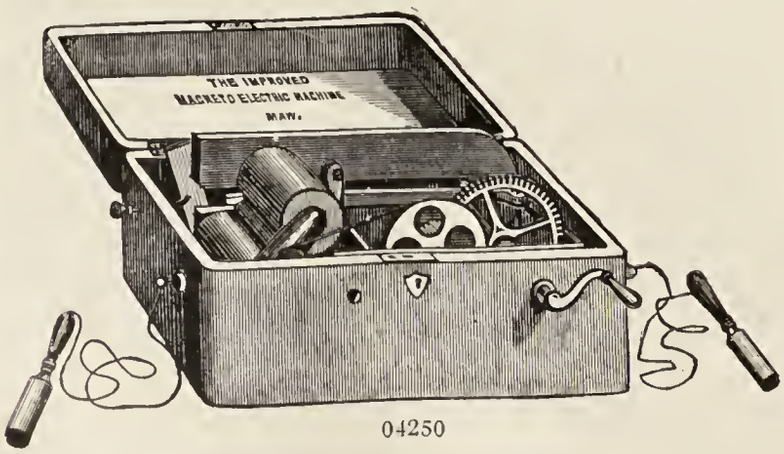
04246



04248

Bells, Electric, for Sick-Room use—

04246	Bell and Hand Lamp combined, with nickel-plated fittings and mahogany case .. .. each	1	1	0
04247	Do., without hand lamp .. .. ,,	0	12	6
04248	Bell only, on stained wood stand .. .. ,,	0	8	6
04249	Refill Batteries for above .. .. ,,	0	1	6



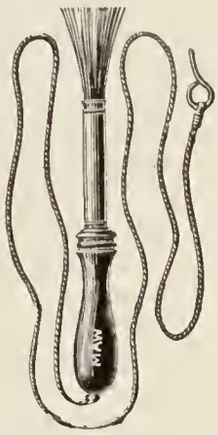
04250

Electro Magnetic Machines—

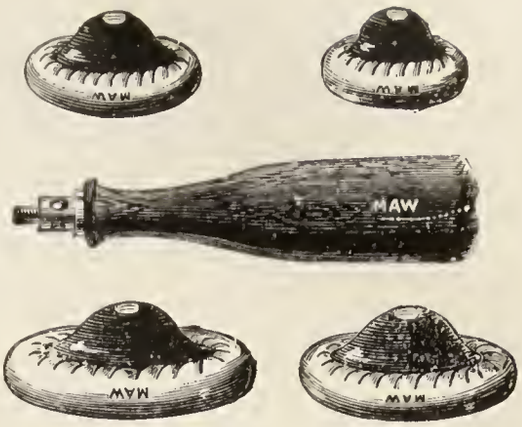
04250	Best quality only, double action, with double magnet, cords, handles and sponge carriers; dimensions, 10 in. by 5¼ in. by 4½ in.; weight, 9¾ lbs.	2	0	0
04251	Common quality, single action, with single magnet	1	4	0

Electro-Medical Apparatus—Contd.—

04252

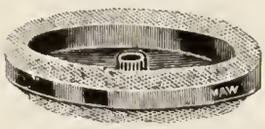


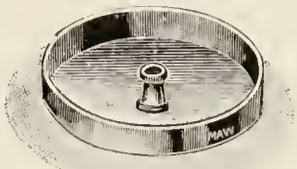
04253



04254

No.	Electrodes—	£	s.	d.
04252	Bracelet, to wear on arm or wrist, with chamois-covered pad ..	0	4	0
04253	Brush, with handle, for spine, etc.	0	3	6
04254	Carbons, set of 4, chamois-covered, with handle..	0	12	0





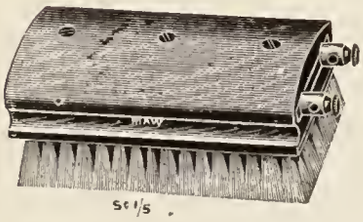
04255

04255 Disc Electrode with celluloid clamping ring which enables a new covering to be used for each application, 4 sizes— each, $\frac{3}{4}$ in., 1/6; $1\frac{1}{4}$ in., 1/9; 2 in., 2/6; $3\frac{1}{4}$ in. 0 3 6

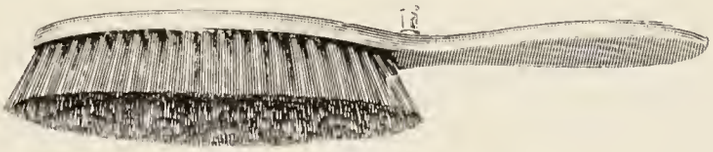
04256

04257

04256	Ear Rod, with handle and connecting wire	0	5	6
04257	Eye Cup, with rod, handle and connecting wire	0	6	0



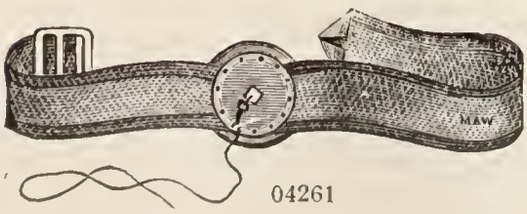
04258



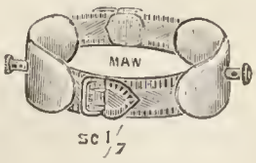
04259

04260

04258	Flesh Brush, for skin massage	0	7	6
04259	Hair Brush, wire and bristle, with handle..	0	3	0
04260	Hair Comb, metal, with handle	0	1	9



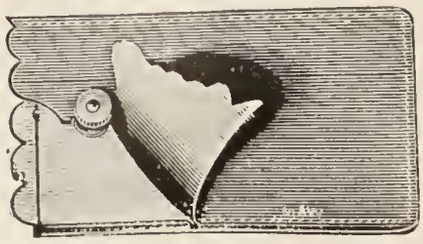
04261



04263

04261	Knee Strap, with buckle and chamois-covered pad	0	4	6
04262	Throat Band, with buckle and chamois-covered pad	0	4	0
04263	Do. do., with two pads for exophthalmic goitre	0	7	6

Electro-Medical Apparatus—Contd.—

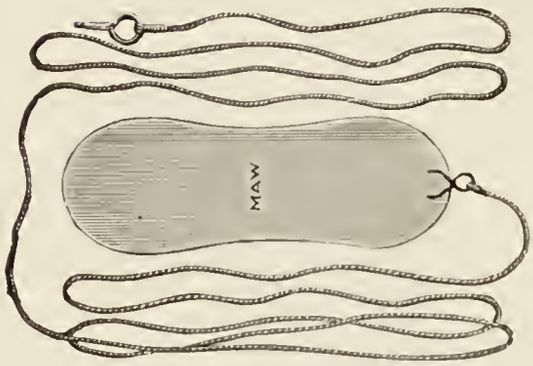


04264-67

04268

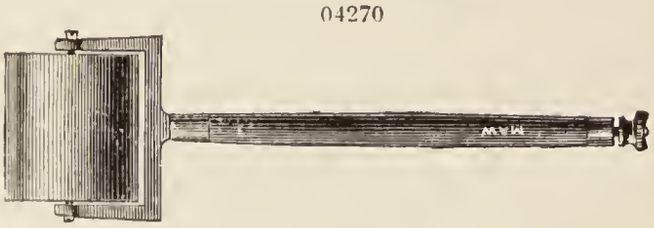
No.	**Electrodes—Contd.—**	£	s.	d.
	Flexible Metal Plate Electrodes, covered with flannel and waterproof cloth—			
04264	4 × 2½ in.	0	1	3
04265	5 × 2¾ in.	0	1	9
04266	8 × 4½ in.	0	2	6
04267	8½ × 5 in.	0	3	0
04268	Do. do., for use on handle, covered with wash-leather, 4 sizes .. 2 in., 1/6; 4 in., 2/-; 6 in., 2/6; 8 in.	0	3	0

Flexible metal electrodes can be made any special size to order.



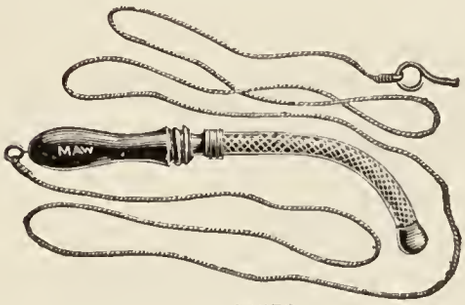
04269

04270

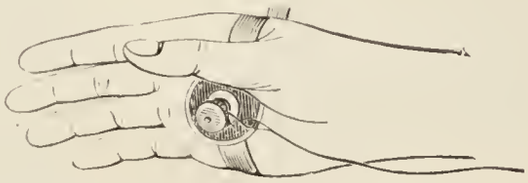


04271

04269	Flexible Metal Foot Plate, leather-covered, with long connecting wire	0	3	6
04270	Rectal Electrode, nickel-plated	0	3	0
04271	Roller Electrode, for sciatica, etc., with handle	0	3	6



04272



04273

04272	Vaginal Electrode, covered with elastic gum	0	6	6
04273	Writer's Cramp Electrode, for palm of hand, with strap and buckles	0	5	0

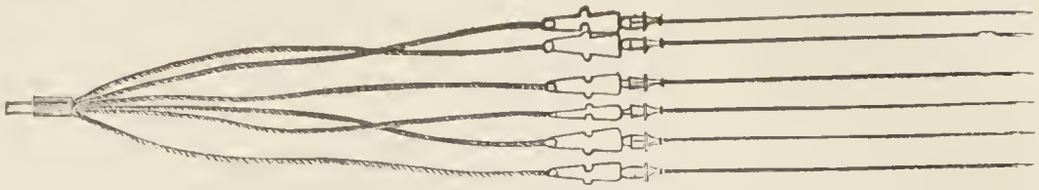
04274

Electrodes, for Electrolysis, etc.—

Electrolysis Needles, for the treatment of Hairs and Nævi, etc.—

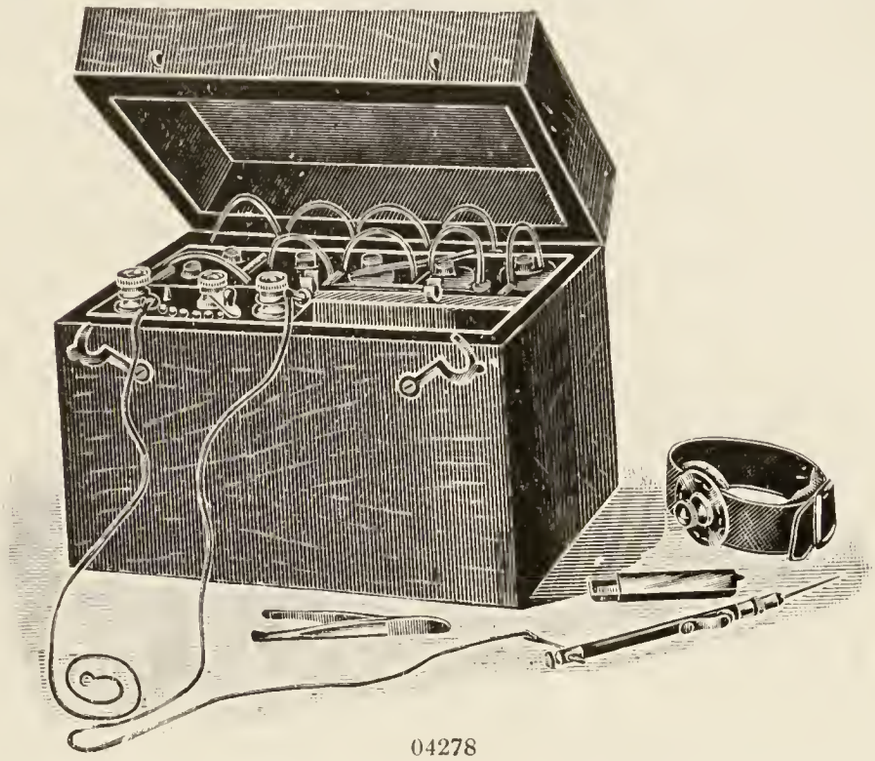
04274	Needle Holder, for use with steel, platinum or gold needle	0	4	0
04275	Do. do., with interruptor .. .. .. ,,	0	4	6
04276	Needles for use with needle holder, steel, per doz., -/6; platinum, each, 3/-; gold, 9-ct., each	0	2	0

Electro-Medical Apparatus—Contd.—



04277

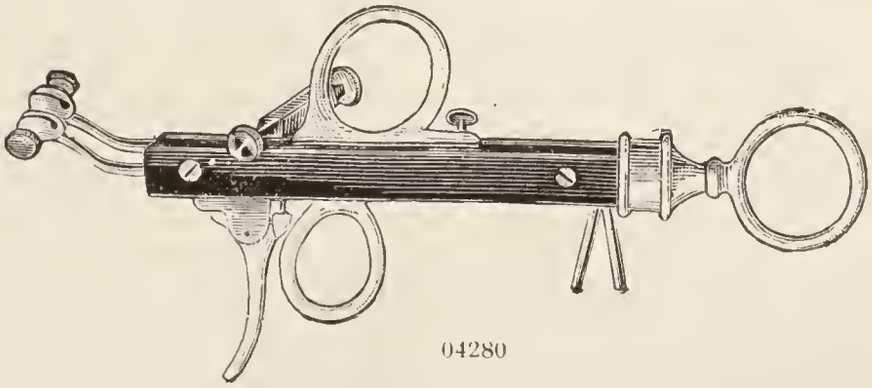
No.		£	s	d.
	Electrodes, for Electrolysis, etc.—**Contd.**—			
04277	Needles, with elastic gum-covered platinum needles—Leash of 2, **6/6**; leash of 4, **12/-**; leash of 6	**0**	**17**	**6**



04278

04278	Complete set of apparatus for destruction of hairs, etc., consisting of 10-cell battery, with lever for inserting the cells two by two, needle holder, No. 04274, bracelet electrode, No. 04252, platinum needle, connecting wires and epilation forceps ..	**3**	**5**	**0**
04279	Milliampere Meter, for use with above	**2**	**5**	**0**

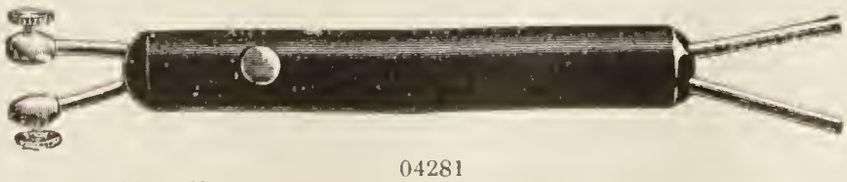
GALVANO-CAUTERY APPLIANCES.



04280

Cautery Handles—

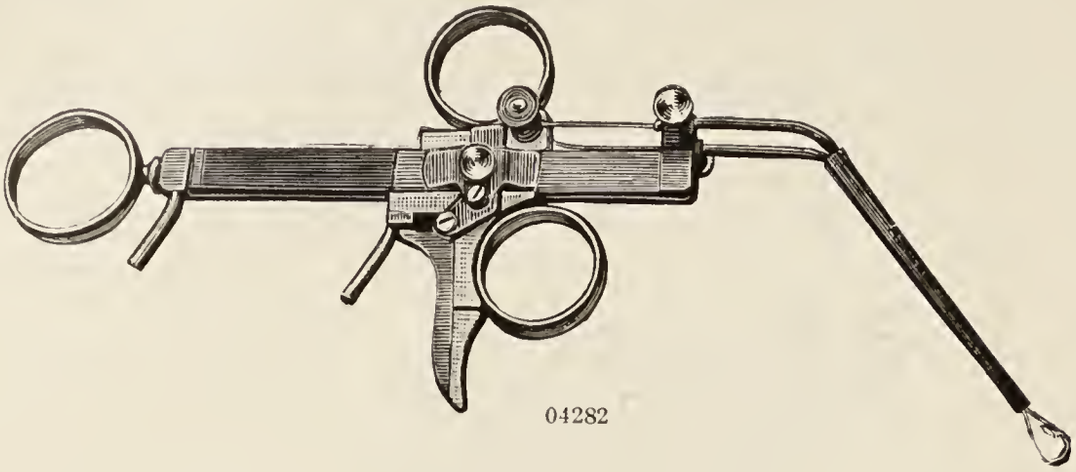
04280	Universal Handle, Schech's, for burners and snares	**1**	**3**	**6**



04281

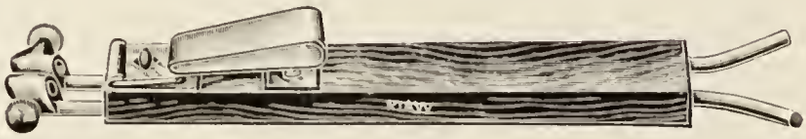
04281	Ordinary Handle	**0**	**12**	**0**

Electro-Medical Apparatus—Contd.—



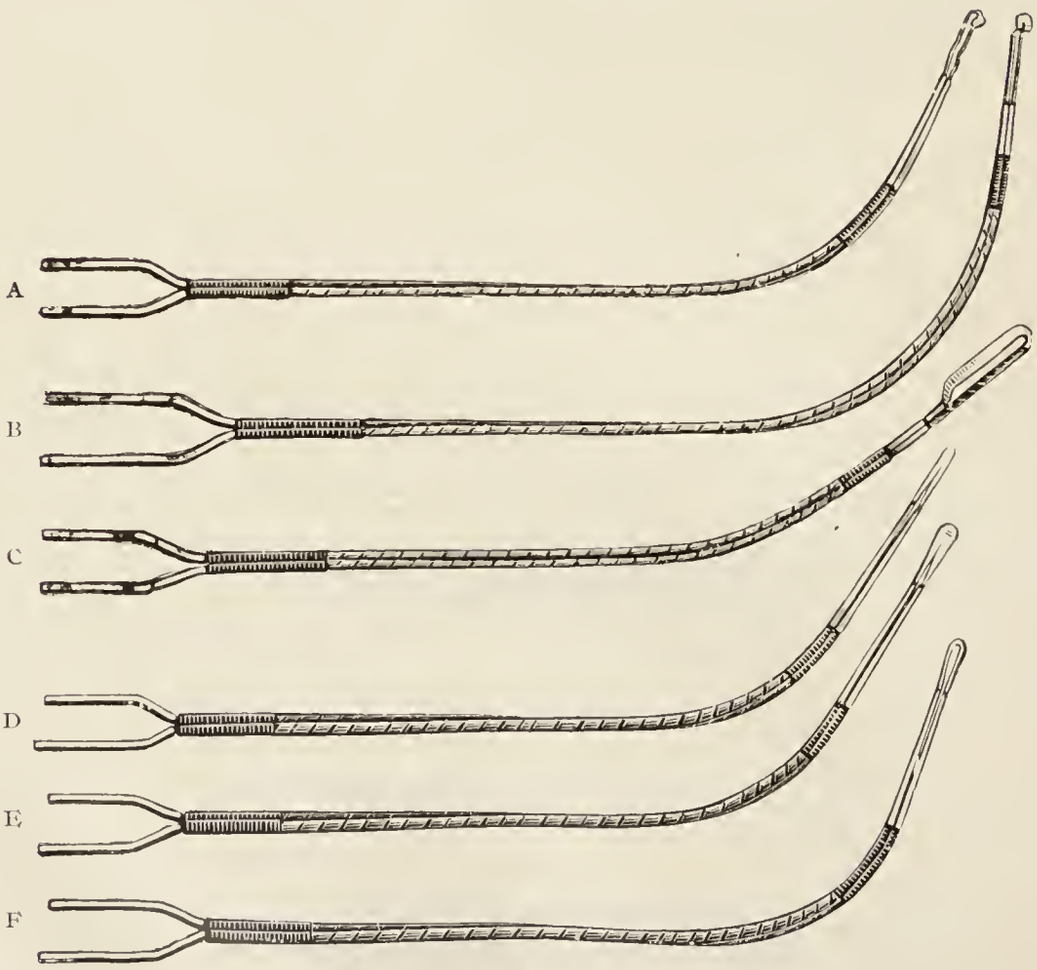
04282

No.	Cautery Handles, etc.—Contd.—	£	s.	d.
04282	Universal Handle, Kutner's, for burners and snares (exclusive of snare shown in illustration)..	1	12	0



04283

04283	Mark Hovell's, with detachable lever, rendering the points of contact readily accessible for cleaning..	0	17	6

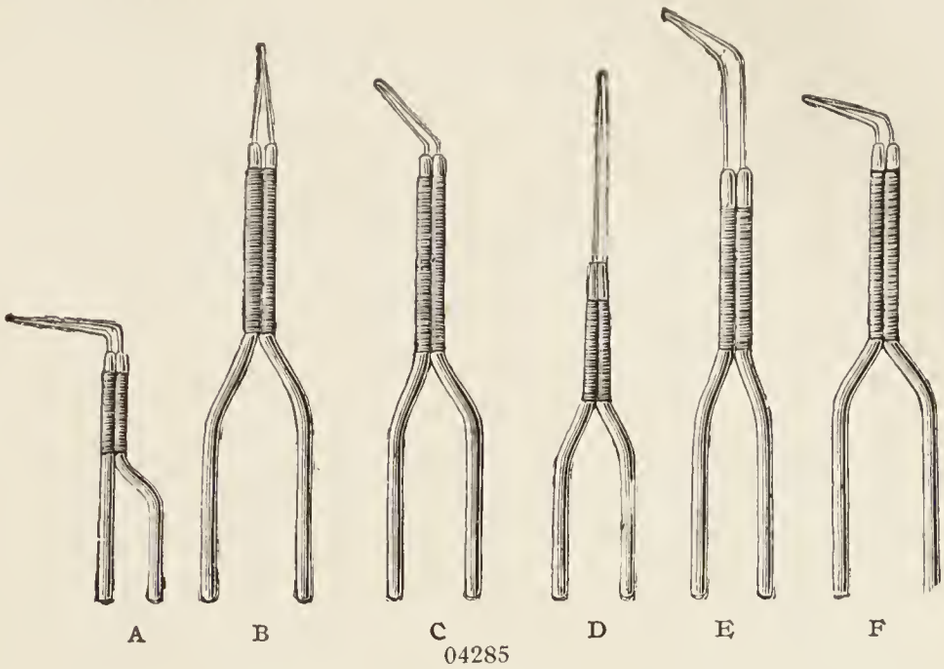


04284

Cautery Points, with platinum burners—

04284	For the larynx, 6 varieties, A, B, C, D, E, F .. .. each	0	3	0

Electro-Medical Apparatus—Contd.—

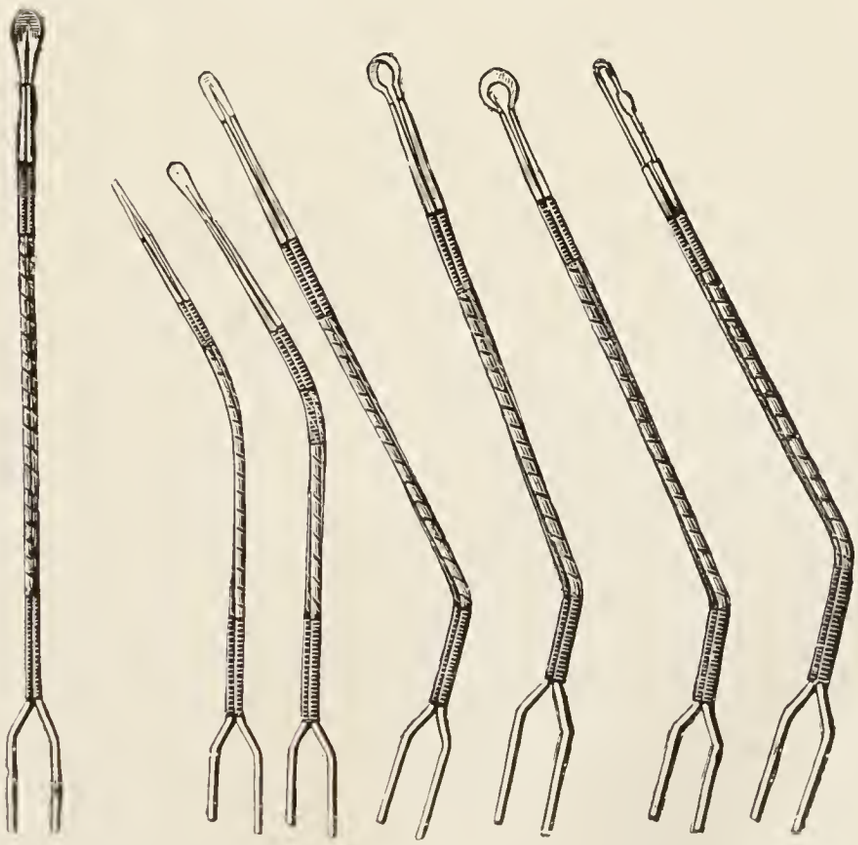


04285

No.	**Cautery Points,** with platinum burners—		£	s.	d.
04285	For the eye, 6 varieties, A, B, C, D, E, F	each	0	2	0

04286

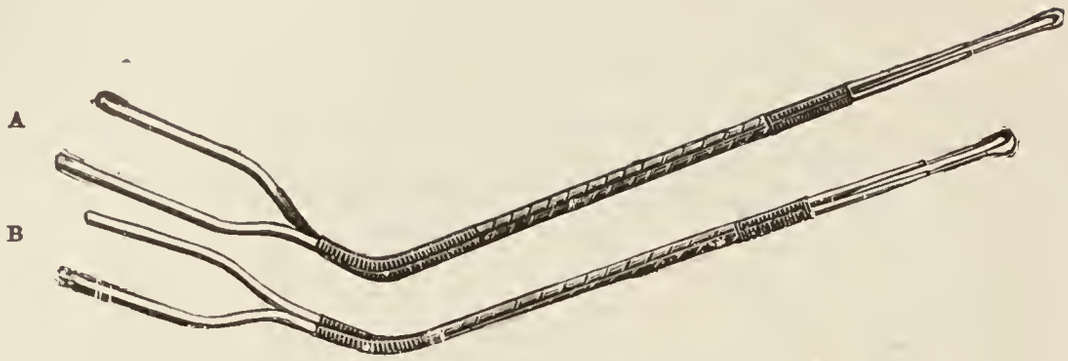
04286	For the nose, 2 varieties, A, B	each	0	3	0



04287

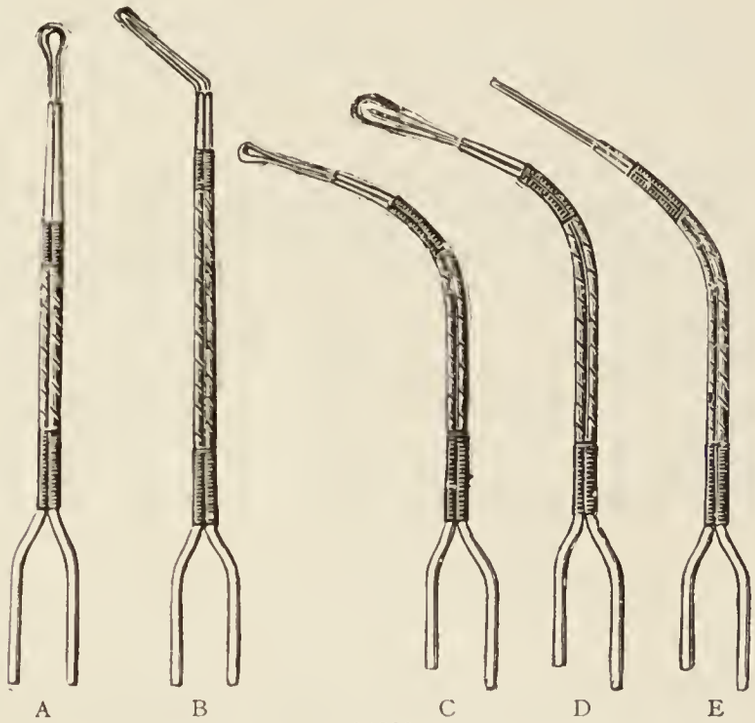
04287	For the nose, 7 varieties	each	0	3	0

Electro-Medical Apparatus—Contd.—



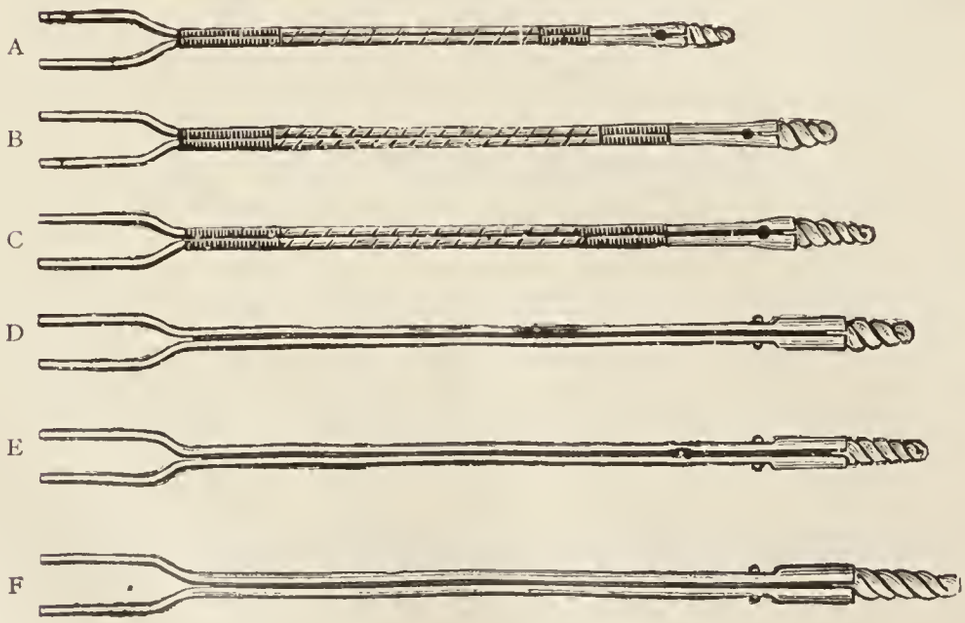
04288

No.		£	s.	d.
	Cautery Points, with platinum burners—**Contd.**—			
04288	For the nose, 2 varieties, A and B .. .. . each	0	3	0



04289

04289	For the ear, 5 varieties, A, B, C, D, E .. .. .. each	0	2	0

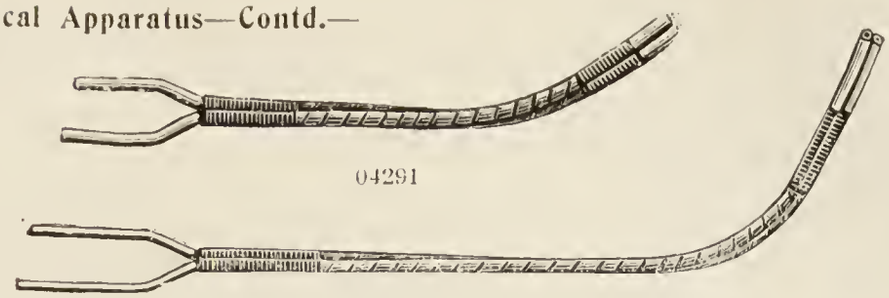


04290

04290	**Cautery Points,** with porcelain burners, 7 varieties, A, B, C, D, E and F, each	0	5	0

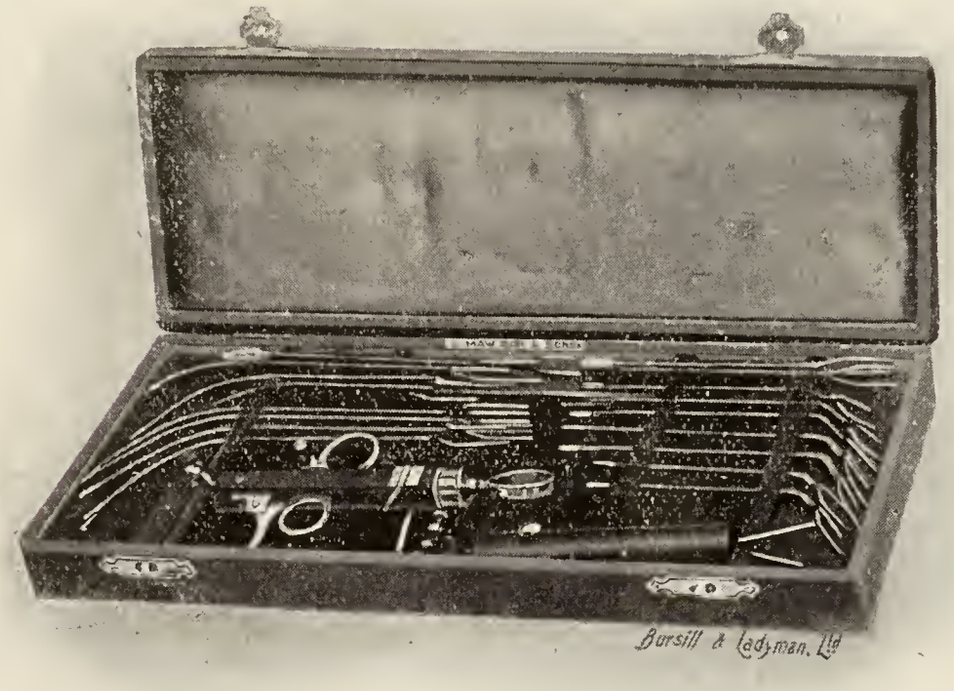
Electro-Medical Apparatus—Contd.—

04291



04292

No.			£	s.	d.
04291	**Snare Canula,** for nose .. .. each		0	2	6
04292	Do. for larynx .. .. ,,		0	3	0

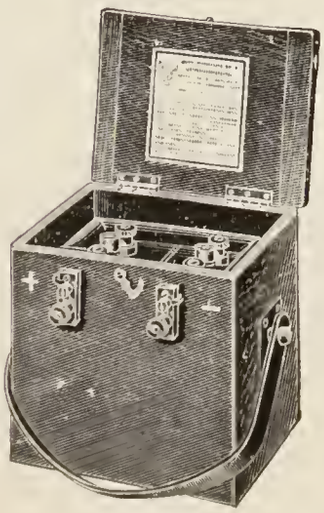


04293

04293 Set consisting of Schech's universal handle (No. 04280), plain handle (No. 04281), 10 platinum burners, 2 porcelain burners, 5 snare canulæ, and connecting cord **4 5 0**

The method of packing in the case has been slightly altered since the illustration was made.

ACCUMULATORS AND BATTERIES FOR ELECTRIC LIGHT AND CAUTERY WORK.



04295

04303

Electro-Medical Apparatus—Contd.—

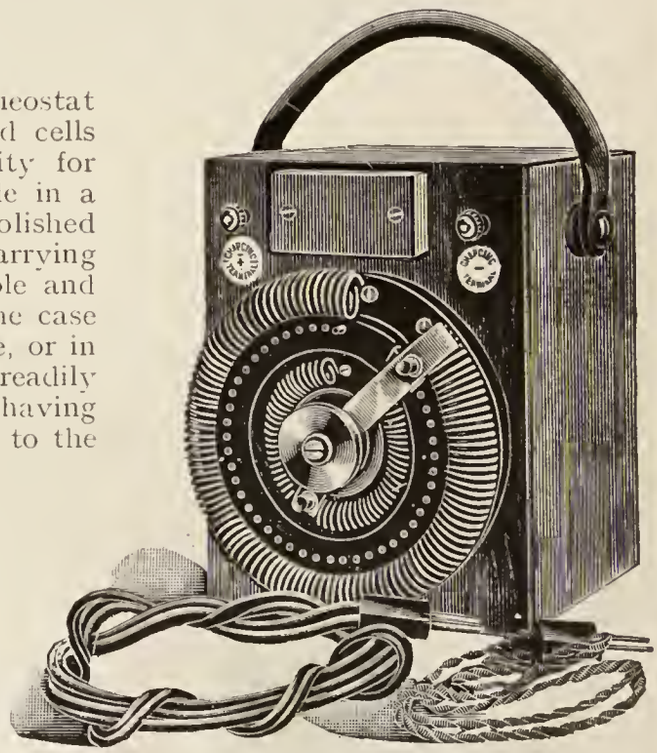
Accumulators, for Light, consisting of "unspillable" ebonite cells in polished teak cases, with nickel-plated fittings, outside terminals and leather carrying strap—

No.	Volts.	Lighting Capacity.	Measurements Overall (including Fittings).			Weight without Acid.		PRICE.		
		Amp. Hrs.	Length.	Inches. Width.	Height.	lbs.	ozs.	£	s.	d.
04294	4	17	6½	4½	7¾	7	12	1	13	6
04295	4	35	6⅝	6	7¾	12	8	2	7	6
04296	4	50	8⅜	6⅜	7¾	19	4	3	2	0
04297	4	60	9⅞	6⅜	7¾	22	4	3	11	6
04298	6	17	6¼	6	7¾	11	0	2	5	6
04299	6	35	9⅛	6	7¾	18	0	3	6	0
04300	6	50	11⅜	6⅜	7¾	28	0	4	10	0
04301	6	60	13	6⅜	7¾	32	8	5	3	0
04302	8	17	7⅜	6	7¾	14	4	2	17	0
04303	8	35	11¼	6	7¾	23	12	4	6	0
04304	8	50	14½	6⅜	7¾	38	0	5	9	0
04305	8	60	16½	6⅜	7¾	43	8	6	16	0
04306	12	17	10	6	7¾	20	12	4	1	0
04307	12	35	15⅞	6	7¾	35	12	6	8	0
04308	16	17	12⅝	6	7¾	26	8	5	6	0

Any capacity or voltage made to order at a few days' notice.

These Accumulators are always sent out filled and charged unless specially ordered to the contrary, as it is of the greatest importance that the first charging be very carefully done.

Accumulator, with detachable rheostat and patent unspillable celluloid cells which will retain their capacity for several months when lying idle in a fully charged condition, in polished walnut cases with leather carrying strap. The cells are detachable and can be easily removed from the case and used for any other purpose, or in the event of breakage can be readily replaced by the owner without having to return the whole apparatus to the maker.



04310

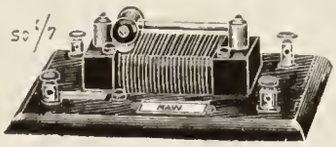
		£	s.	d.
04309	For Cautery Work, 4 volt, 20 a.h., capable of rendering incandescent any cautery points taking from 4 to 15 amperes ..	4	19	6
04310	For Cautery and Electric Surgical Lamps combined, 8 volt, 10 a.h., with patent automatic commutator..	6	12	6

Dimensions, 4½ in. by 5½ in. by 6½ in. Weight, 10 lbs.

By inserting the plug for cautery the voltage is reduced to 4, whilst the capacity is at the same time doubled to 20 a.h.

Electro-Medical Apparatus—Contd.—

04311

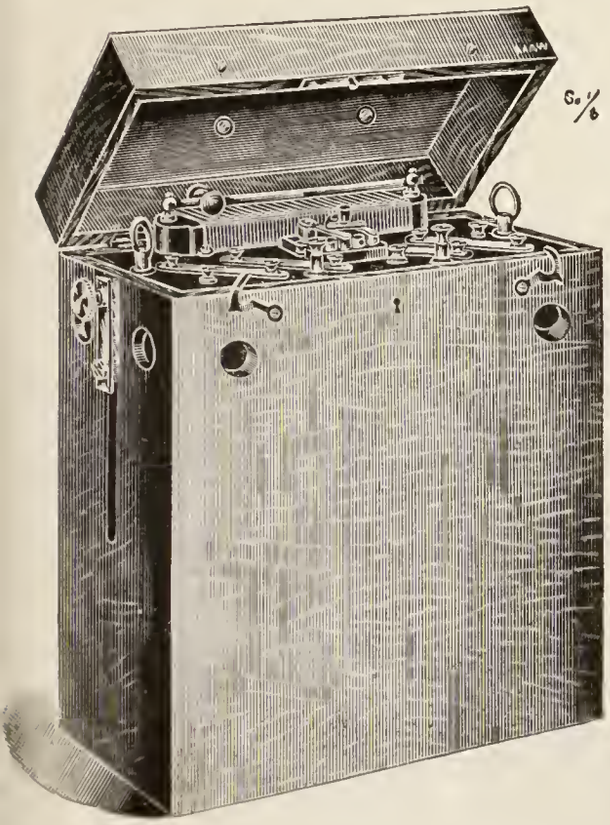


04316

04312-14

No.		£	s.	d.
04311	**Accumulator,** for Cautery and Electric Surgical Lamps, in oak case, with 3 platinum cautery points, handle (No. 04281), and Isaac's Head Lamp (No. 01840)	5	0	0
	Accumulator, for Galvanism, and Electric Light, with detachable rheostat in place of which a lantern can be fixed when required—			
04312	4 cells (8 volt), unspillable	3	6	0
04313	5 cells (10 volt), unspillable	3	17	0
04314	6 cells (12 volt), unspillable	4	8	3
04315	Lantern for use with the above, extra	0	11	0
04316	**Resistance,** 4 volt, for use with motor-car accumulator for cautery work	1	1	0

Cautery and Electric Light Bichromate Battery, for use with platinum cautery points, etc.—



04317

The acid for use in this Battery is made by dissolving 1 lb. of bichromate of potash in a gallon of warm water, and slowly adding 2½ lbs. of strong sulphuric acid, gently stirring all the while. Whilst still hot, 4 ozs. of bisulphate of mercury must be added to the solution.

When the central switch is pushed over towards the word "Cautery," the glass cells in the battery are connected "parallel," and can be used for heating loops, snares, platinum knives and porcelain burners, etc., and when pushed towards the word "Light," they are connected in "series," and can be used for the various forms of surgical lights.

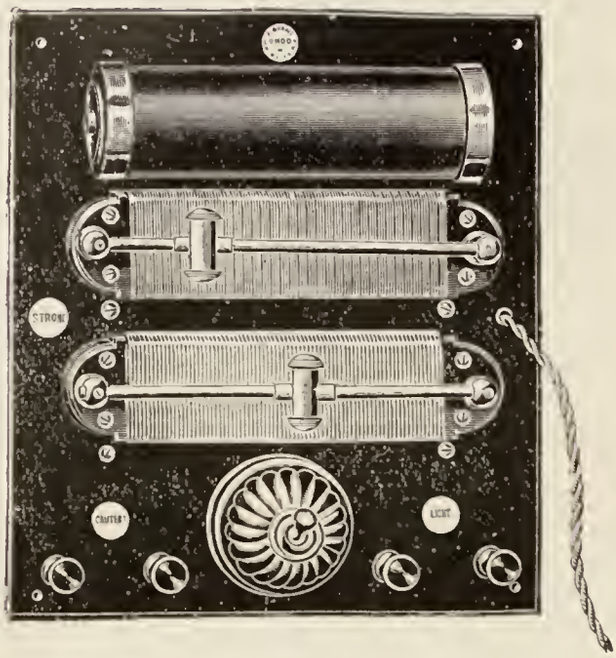
When not in use, the cells of the battery should always be lowered from the plates by lowering the lever at the side of the case.

The battery cells should be thoroughly cleaned out each time before fresh acid is poured in, or at least once in every four months, whether in use or not.

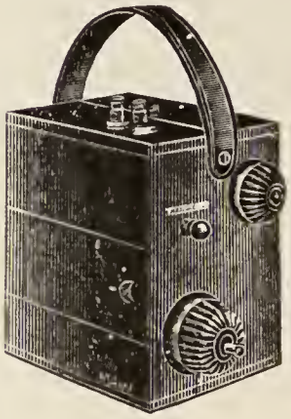
04317	Battery as above, with 6 glass cells, in oak case	6	15	0

Electro-Medical Apparatus—Contd.—

APPARATUS FOR UTILISING CURRENTS FROM THE MAINS.



04318



04319-20

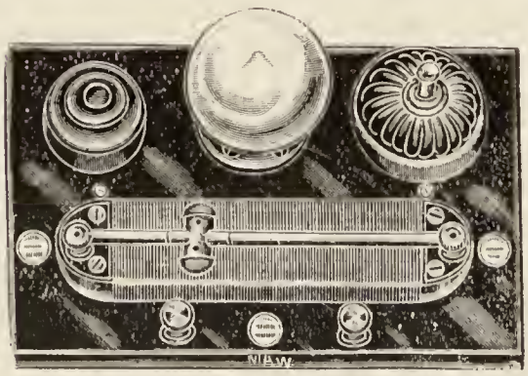
No.		£	s.	d.
04318	**Transformer,** for Alternating Current Circuit, suitable for cautery work or small surgical lamps, to fix on wall	4	4	0

The current for cautery can be varied, with this apparatus, between 6 and 25 amperes, and the current for light between 3 and 15 volts without jumps. The cautery and light can be used simultaneously.

Dimensions, 14 in. by 11½ in.

Do. portable, for Continuous Current, for cautery only, weight about 11 lbs., dimensions 7 × 6 × 10 in.—

04319	200-250 volts	7	10	0
04320	110-120 volts	7	0	0



04321

04322-23

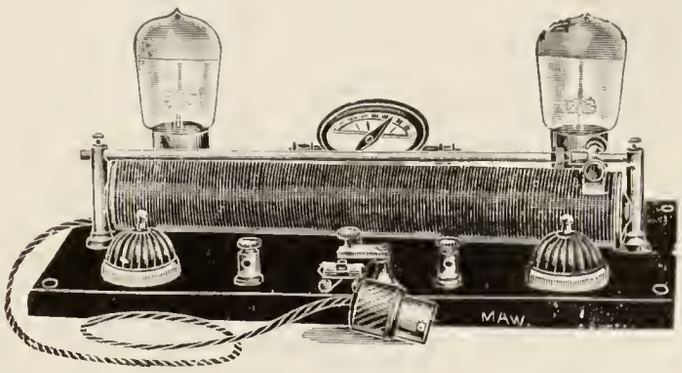
04321	Transformer for Continuous Current, suitable for electrolysis and galvanism, with switch, fuse lamp and volt selector, on slate base	2	16	0

Weight, 4 lbs. Dimensions, 6 in. × 10 in.

Socket Current Controller with bayonet connection for fitting into electric lamp socket—

04322	For surgical lamps only	2	10	0
04323	For surgical lamps and cautery	4	7	6

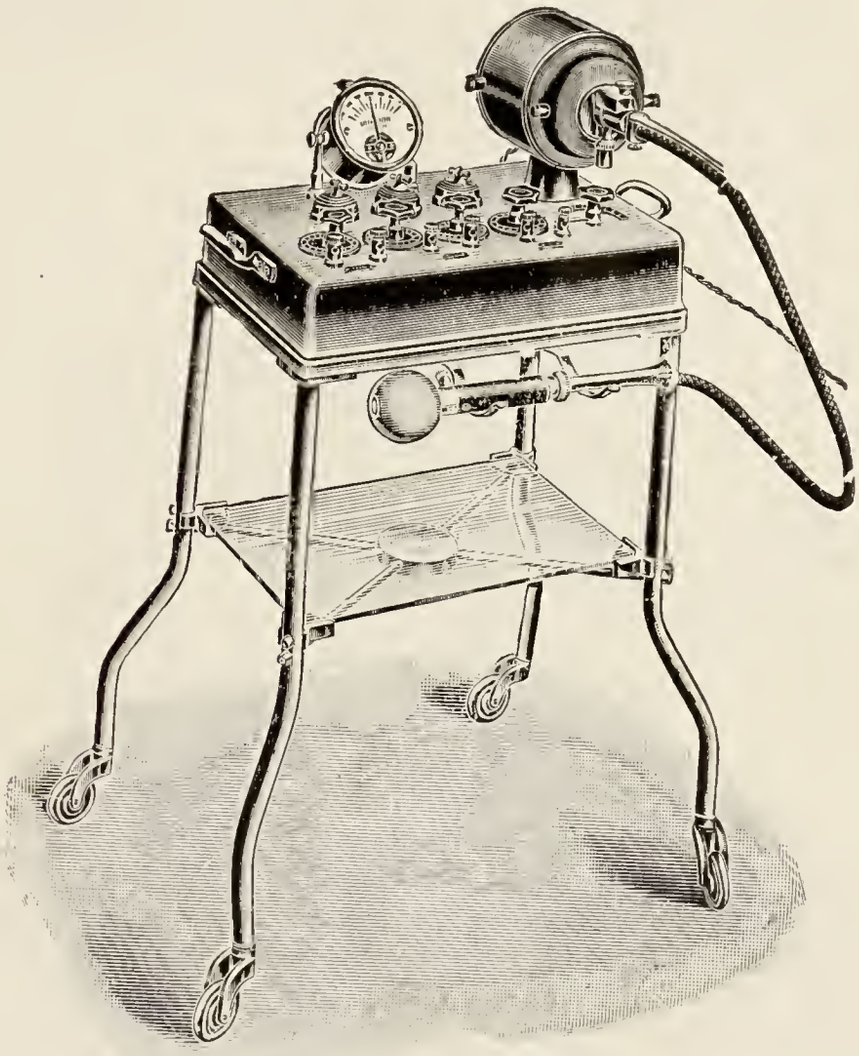
Electro-Medical Apparatus—Contd.—



04324

Apparatus for Utilising Current from the Mains—Contd.—

No.		£	s.	d.
04324	**Transformer** for Continuous Current, suitable for electrolysis, galvanism, faradism and light, consisting of rheostat, 2 lamps, switches and milliampere meter, on polished slate base	6	6	0



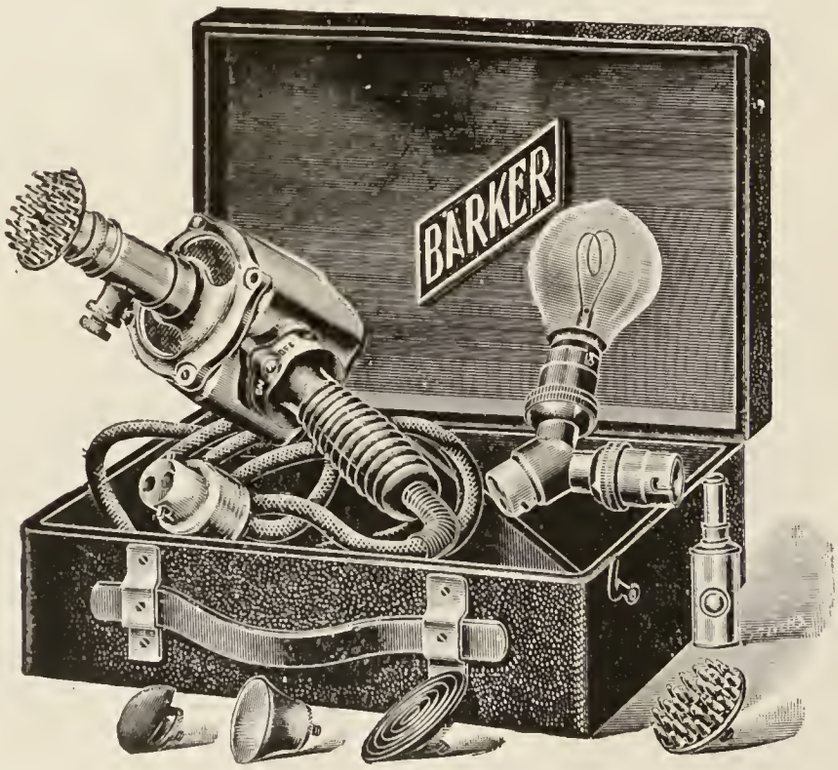
04325-30

04325 **The " Multostat "** (Earth-Free), a universal apparatus suitable for Galvanisation (including Electrolysis, Ionic Medication and Ledu : Intermittent Current), Sinusoidal-Faradisation, Galvano-Sinusoidal-Faradisation, Schnee 4-cell Bath, Hydro-Electric Baths, Light, Cautery, Surgical Operations with burrs, trephines, etc., Vibratory Massage, Air Pumps for Massage, Centrifuges, Fans, etc., with nickel-plated motor, polished base, 2 handles for electrodes, 3 plate electrodes, button electrode, and a pair of silk-covered connecting cords—

Electro-Medical Apparatus—Contd.—

Multostat—Contd.—

No.		£	s.	d.
04326	For Continuous Current, from 65 to 120 volts	23	13	6
04327	For Continuous Current from 125 to 250 volts	24	15	0
04328	For Alternating Current from 65 to 120 volts	31	0	0
04329	For Alternating Current from 125 to 250 volts	32	0	0
04330	Table for "Multostat" (as illustrated), thickly nickel-plated, with large rubber-tyred castors, and bevelled glass shelf.. ..	3	18	6
	Accessories for use with "Multostat"—			
04331	Flexible shaft for vibratory massage	1	19	6
04332	Oscillator with 3 applicators for do., do.	3	18	6
04333	Brush, for Galvanisation and Faradisation	0	1	6
04334	Tube Electrodes, for Galvanisation and Faradisation, per pair	0	1	6
04335	Roller Electrodes, 3¼ in., for Galvanisation and Faradisation	0	6	3
04336	Glass Cup Electrode, for Ionic Medication	0	6	9
04337	Zinc Electrode, for Ionic Medication	0	3	0
04338	Carbon Electrode, for Ionic Medication	0	3	3
04339	Plate, indifferent electrode, for Ionic Medication	0	2	8
04340	Head Lamps, etc., see page 351.			
04341	Cautery Handle, Schech's, No. 04280..	1	3	6
04342	Connecting Cable for do.	0	5	6
04343	Platinum Burners, see pages 510-513.			
04344	Needle Holder for Electrolysis, No. 04274	0	4	0
04345	Wristlet Electrode, as indifferent electrode, No. 04252 ..	0	4	0



04346

04346 **Vibrator,** Barker's, for use with either Continuous or Alternating Currents of voltages from 100 to 250, fitted with motor, regulator, adapter, 10 ft. of insulated wire and five applicators, in leather-covered case 5 5 0

A special outfit is supplied for 50-volt continuous current.

MATERIALS FOR DRESSING WOUNDS, LIGATURES, Etc.

Prices of all Dressings and Bandages are liable to fluctuations.

04347

Accouchement Requisites—

Accouchement Set, Maw's Antiseptic, consisting of—Antiseptic Accouchement Sheet, 42 in. by 36 in.; do. 30 in. by 27 in.; Antiseptic Binder, 54 in. by 18 in.; 1 doz. Antiseptic Napkins for Infants; 1 box of Fuller's Earth; 1 box of Violet Powder, with Puff; 1 bottle Tablets of Permanganate of Potash; 1 bottle of Maw's Carbolised Petroleum Jelly; *1 cake of Maw's Carbolic Soap; 1 skein of Accouchement Thread; 1 doz. Safety Pins; 1½ doz. Straight Steel Pins; 1 doz. large size Antiseptic Towels with Waistband; 1 doz. medium size do.; 1 Mackintosh Sheet (double-faced), 60 in. by 36 in., for the bed; *1 do. (single-faced), 60 in. by 36 in., for the floor, and 1 packet of Antiseptic Dressing for the cord—

No.		£	s.	d.
04347	Complete in strong dark green cardboard box, with silver lettering	1	8	0
04348	Complete in strong dark green cardboard box, without the articles marked *	1	4	0

04349-50 Sc 1/8

MAW. Sc 1/8

04351

04349	Accouchement Sheets, Maw's, Antiseptic, covered with gauze, and packed in dark green wrappers with silver lettering, 2 sizes .. per doz., 42 in. by 36 in., 36/-; 30 in. by 27 in.	1	1	0
04350	Do. do. do., covered with cotton net per doz., 42 in. by 36 in., 54/-; 30 in. by 27 in.	1	19	0
04351	Infants' Napkins, antiseptic, Maw's, in dark green wrappers with silver lettering .. .. .. per doz.	0	3	0

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

04352

04357

04358

04359

No.	Bandages, Crêpe—	1 in.	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	6 in.
04352	Crêpe Geneva .. .. per doz.	—	6/-	8/-	10/-	12/-	14/-	16/-	24/-
	Crêpe Olympic, Maw's, with Fast Edge—								
04353	Silk .. .. ,,	—	—	10/6	13/6	15/-	—	20/6	—
04354	Silk and Wool .. ,,	—	—	12/-	14/6	17/-	—	21/-	—
04355	Wool .. .. ,,	—	—	10/6	12/6	15/-	—	19/-	—
04356	Do., in 12 yard rolls each	—	—	—	5/-	5/9	—	—	—
04357	Crêpe, Velpeau .. per doz.	—	—	10/6	13/-	—	15/6	—	—
04358	Ideal .. .. .. ,,	—	—	5/6	6/9	8/6	—	—	—
04359	**Bandages, Crinoline** (for use with plaster of Paris), 6 yards long .. .. per doz.	—	—	—	3/8	4/4	—	6/-	—

Sc 1/6

04360

Sc 1/6

04364

	Bandages, Dressing—	1 in.	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	6 in.
04360	Antiseptic, Alembroth, open wove, 6 yds. long .. per doz	—	—	2/10	3/4	3/9	4/6	5/-	6/6
04361	Do Alembroth Gauze, 6 yds. long .. ..per gross	—	—	12/-	14/3	16/-	20/-	22/-	30/6
04362	Do. Carbolised Gauze, 6 yds. long .. ..per gross	—	—	12/6	15/-	17/-	19/-	21/6	32/-
04363	Do. Iodoform Gauze, 6 yds. long per gross	—	—	19/-	24/-	28/6	33/-	36/6	46/-
04364	Do. Lister's Cyanide Gauze, 6 yds. long .. ..per gross	—	—	14/-	17/-	19/6	22/-	25/-	37/-
04365	Black Cloth, 6 yds. long, per doz.	2/10	3/8	4/6	5/6	6/6	—	8/9	—
04366	Calico, bleached, 3 yds. long ,,	-/8	-/11	1/4	1/7	1/9	—	2/7	3/6
04367	Do. do., 4 yds. long ,,	—	—	1/9	2/-	2/4	—	3/4	4/7
04368	Do. do., 6 yds. long ,,	—	—	2/7	3/-	3/6	—	5/-	6/10
04369	Calico, unbleached, stout, 3 yds. long .. .. per doz.	—	—	—	1/8	2/-	—	2/5	3/9
04370	Do. do. do., 4 yds. long ,,	—	—	—	2/3	2/8	—	3/3	5/-
04371	Do. do. do., 6 yds. long ,,	—	—	—	3/4	3/11	—	4/10	7/10
04372	Do. do. thin, 3 yds. long per gross	—	—	—	12/9	—	16/9	19/9	—
04373	Do. do. do., 4 yds. long ,,	—	—	—	17/-	—	22/-	26/-	—
04374	Do. do. do., 6 yds. long ,,	—	—	—	24/9	—	32/9	38/9	—
04375	Domette, 6 yds. long per doz.	—	—	—	5/-	6/-	—	8/-	11/-
04376	Flannel, 6 yds. long .. ,,	—	—	—	10/-	13/-	—	17/-	24/-
04377	Flannelette, 6 yds. long ,,	—	—	—	3/2	3/9	—	—	—

Each of the above bandages is fitted with a safety pin.

For prices of compressed bandages see page 644.

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

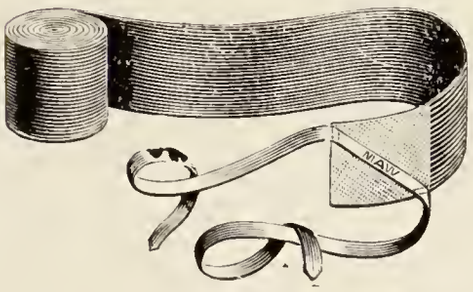
Bandages, Dressing—Contd.—

No.			1 in.	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	6 in.
04378	Gauze, absorbent	per gross	—	—	11/-	13/-	15/-	17/-	18/-	30/-
	Waterdressing, Bleached—									
04379	Ambulance, fast edge, 6 yds.	..per doz.	2/4	3/0	3/3	3/6	4/0	—	4/10	7/8
04380	Do. do. 4 yds.	per gross	18/9	23/6	25/6	28/6	31/6	—	—	—
04381	Do. loose edge, 6 yds.	per doz.	1/2	1/6	1/9	2/1	2/5	—	3/3	4/6
04382	Surgical, loose edge, 6 yds.	per gross	11/-	15/-	19/6	24/-	28/-	—	36/6	53/6
04383	Do. do. thin, 6 yds., in paper packets of 1 doz.	,,	6/3	9/-	12/-	15/6	17/6	23/6	—	34/6
	Waterdressing, Unbleached—									
04384	Ambulance, fast edge, 6 yds.	per doz.	2/4	3/-	3/3	3/6	4/-	—	4/10	7/8
04385	Do. loose edge ,,	,,	1/-	1/4	1/6	1/7	2/-	—	2/11	3/10
04386	Surgical, loose edge, 6 yds.	per gross	10/-	14/-	18/-	22/-	26/-	—	36/-	41/-
04387	Do. do. thin, in paper packets of 1 doz.	,,	6/-	8/-	11/-	13/6	16/-	—	21/-	31/6

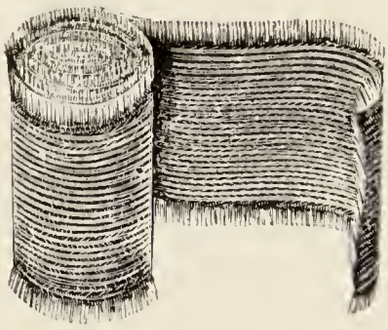
04389

Bandages, First Aid—

		£	s.	d.
04388	Triangular, Antiseptic .. .. per doz.	0	3	2
04389	Do. Esmarch's, Printed	0	3	6
04390	Do. Plain	0	3	0



04391-94



04397

Bandages, India Rubber—

Martin's, pure Para rubber, each in card box—

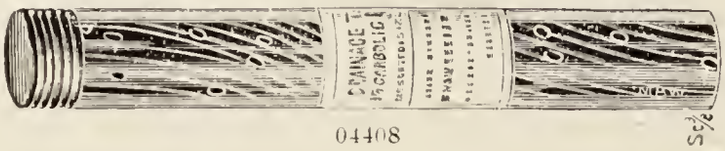
			5 ft.	7½ ft.	10½ ft.	15 ft.	21 ft.
04391	2½ in., 19 gauge ..	each	2/6	3/8	4/10	7/2	9/4
04392	3 in., 19 gauge.. ..	,,	2/8	4/3	5/8	8/-	11/3
04393	2½ in., 21 gauge ..	,,	2/-	3/2	4/3	5/8	8/-
04394	3 in., 21 gauge.. ..	,,	2/4	3/8	4/8	6/8	9/6
	Martin's, pure Para rubber, perforated, each in card box—						
04395	2½ in., 21 gauge ..	each	2/4	3/8	4/8	6/8	9/6
04396	3 in., 21 gauge.. ..	,,	2/11	4/6	6/4	8/8	11/-

All Martin's Bandages can be supplied with buckle fastenings at 6d. each extra.

		£	s.	d.
04397	Web, with frilled edge, 2½ and 3 in. per doz. yds. **8/3** and	0	9	0
04398	Do. with plain edge, white, per doz. yds., 2½ in. **5/6** ; 3 in. ..	0	6	0
04399	Do. do. do. grey, per doz. yds., 2½ in. **4/-** ; 3 in.	0	5	0
04400	Do. do. do. 3 yds. long, with loop and tape for tying, 2½ in. wide .. .. per doz.	0	15	0
04401	**Bandages, knitted "Hygienic"** natural colour (Zim's-Band) per doz., 2 in. **15/-** ; 2½ in. **16/6** ; 3 in. **18/6** ; 4 in. ..	1	1	6

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

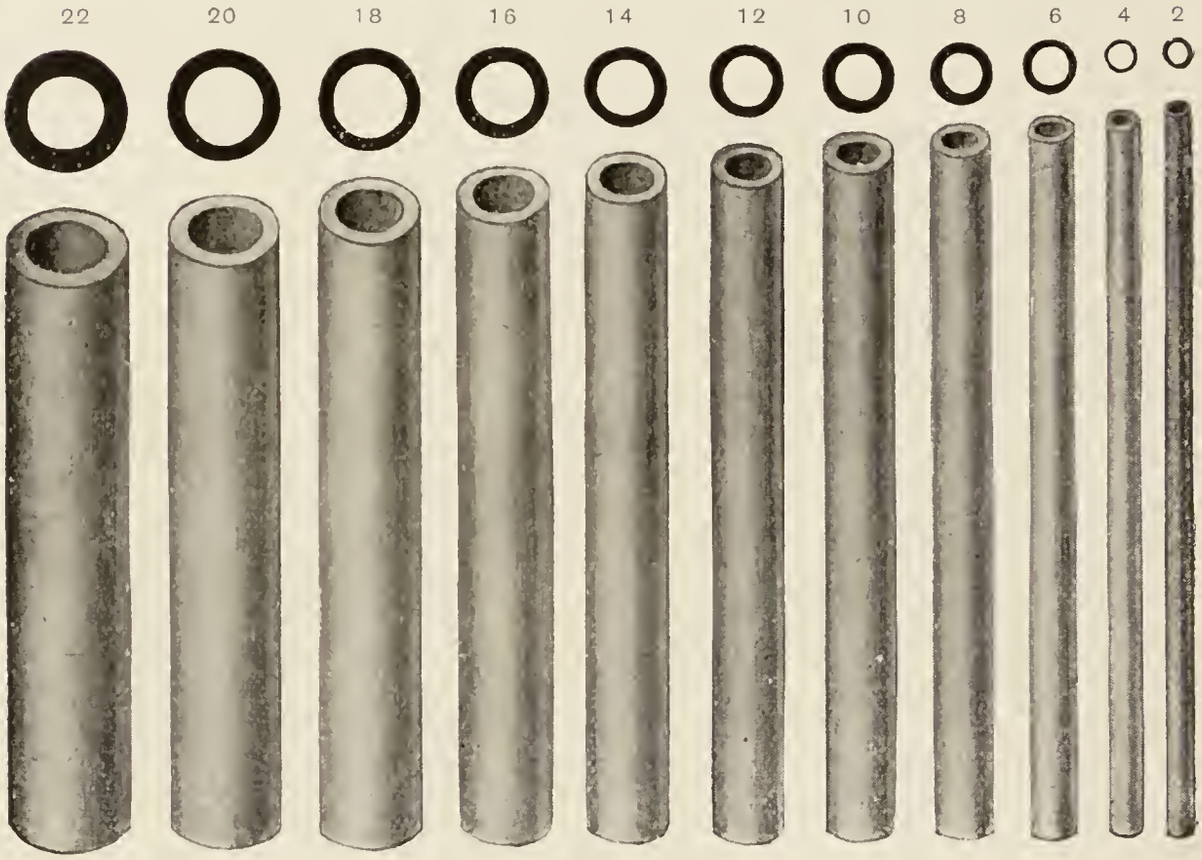
No.	**Bandages,** Plaster of Paris, superfine—	2 in.	2½ in.	3 in.	3½ in.	4 in.
04402	Each in tin .. .. per doz.	6/-	7/-	10/-	—	—
04403	In tins of 6 .. .. .. per tin	3/-	3/4	4/-	—	—
04404	In tins of 12 .. .. .. ,,	5/8	6/6	8/-	—	—
04405	**Bandages,** "Stockinette," woven per doz. yds.	2/-	2/3	2/6	2/9	3/-
04406	**Bandages,** T-shape, Perineal .. .. per doz.					0/7/6



04408

Drainage Tubing, India-rubber—

		£	s.	d.
04407	Capillary, for Southey's Tubes, etc. .. .. per doz. yds.	0	4	6
04408	Carbolised, assorted sizes, in 6 in. glass tube, plain or perforated (10 pieces in each tube) .. .. .. per tube	0	1	3



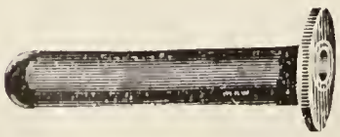
04409

04409 Red India-rubber, best quality—

No.	2	4	6	8	10	12	14	16	18	20	22	24
Per yd.	/3½	-/4	-/4½	-/5	-/6	-/7	-/8	-/9½	-/11	1/-	1/4	1/6

The gauge for the above is approximately the same as the Catheter gauge. Intermediate or extra large sizes can be supplied if required, and any size can be supplied perforated at an additional cost of 1/2 per doz. yds. Sample cards containing 36 different sizes on application.

The above illustrations are drawn full scale, and show the exact sizes of the tubing.



04411

04412

Drainage Tubes, etc., for Special Purposes—

				£	s.	d.
04410	For Antrum—	Ackland's, with pilot (see No. 01540)	.. ..	0	9	6
04411	Do.	Buck's India-rubber, assorted sizes	.. each	0	0	9
04412	Do.	Macdonald's, silver, various sizes	from 9d. to	0	2	6
04413	Do.	Symon's, silver		0	2	3

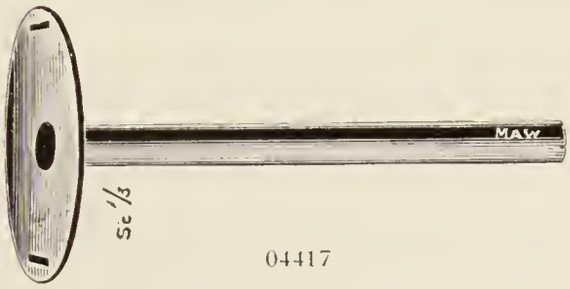
Materials for Dressing Wounds, Ligatures, etc.—Contd.

04414

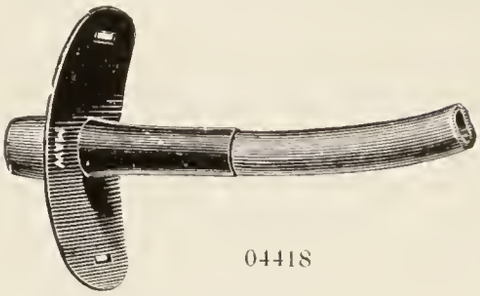
04415

04416

No.	**Drainage Tubes, etc.,** for Special Purposes—**Contd.**—	£	s.	d.
04414	For Appendicitis, Ionides, plated, 2 sizes .. each 3/6 and	0	4	6
04415	For Cervical Sinuses, etc., Ormsby's glass, straight per doz.	0	6	0
04416	Do. do. do. do. curved ,,	0	6	0

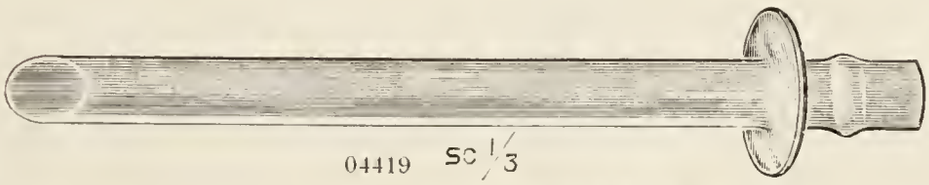


04417



04418

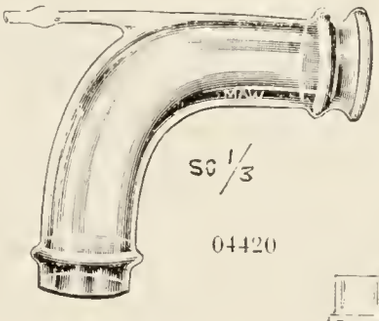
04417	For Empyema—India-rubber, moulded in one piece, 4 sizes, each	0	1	6
04418	Do. India-rubber, with vulcanite collar	0	2	6



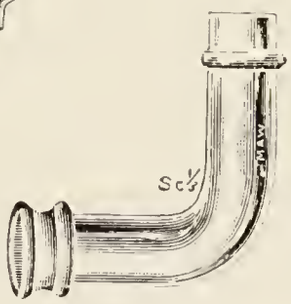
04419 SC 1/3

04422

04423



04420



04421

04424

04419	Glass Tubes, for Intestine, Moynihan's, per doz. 15 =, 18/= and	1	1	0
04420	Do. for colotomy, Fitz Williams's .. per doz.	0	18	0
04421	Do. for colotomy, Paul's, 3 sizes .. ,,	0	9	0
04422	Glass Tubes, for Pelvic Drainage, Keith's .. ,,	0	6	0
04423	Do. do. do. Lawson Tait's .. ,,	0	9	0
04424	Do. for pelvic drainage, Thomas's, 3 sizes ,,	0	8	0

Film Tubing for use with Paul's and other tubes, see page 210

04425

Dressings, etc.—

04425	Absorbent Tissue, Maw's, similar to Gamgee, per lb. 1/=, 1/2 and	0	1	4
04426	Alembroth Tissue, Maw's, in paper packets .. ..per lb.	0	2	2

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

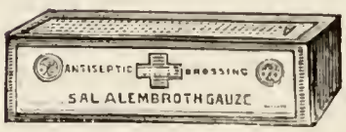
04427

04428

04433

04431

No.	Dressings, etc.—Contd.—	£	s.	d.
04427	Carron Oil Gauze, for Burns, 2 in. wide, in 12 yd. bottles per doz.	0	13	0
04428	Cellulose Wadding, Maw's, similar to Tillman's Dressing per lb.	0	0	8
04429	Compressed Moss, in sheets .. .. per doz.	0	4	6
04430	Cyanide Tissue, Maw's, in paper packets .. .. .. per lb.	0	3	3
04431	First Field Dressing, Army 1911 pattern .. per 100 packets	2	17	6
04432	Gamgee Tissue.. .. .. .. per lb. **1/4, 1/8** and	0	2	5
04433	Gauze, absorbent, in packets, per doz., 1 yd. **2/6**; 3 yds. **5/9**; 6 yds	0	10	0
04434	Do. do. "B" quality, in 6 yd. packets per doz.	0	6	6



04441

04449

04458

04467

Gauzes, Maw's Antiseptic, B.P.C.—

		Percentage.		6 yds.	3 yds.	1 yd.
	In Collapsible Cartons—					
04435	Boric	40	per doz.,	13/-	—	—
04436	Carbolic, bleached	5	,,	13/-	—	—
04437	Do. unbleached	5	,,	13/-	—	—
04438	Iodoform	5	,,	20/-	—	—
04439	Iodoform	10	,,	25/-	—	—
04440	Lister's Cyanide	3	,,	15/-	—	—
04441	Sal-Alembroth	1	,,	12/-	—	—
04442	Salicylic	4	,,	15/-	—	—
04443	Sublimate	$\frac{1}{10}$	,,	11/6	—	—
	In Sealed Tins—					
04444	Boric	40	per doz.,	18/-	—	—
04445	Carbolic, bleached	5	,,	18/-	—	—
04446	Do. unbleached	5	,,	18/-	—	—
04447	Iodoform	5	,,	25/-	—	—
04448	Iodoform	10	,,	30/-	—	—
04449	Lister's Cyanide	3	,,	20/-	—	—
04450	Sal-Alembroth	1	,,	17/-	—	—
04451	Salicylic	4	,,	20/-	—	—
04452	Sublimate	$\frac{1}{10}$	,,	16/6	—	—
				Compressed or Uncompressed.		
	In Paper Packets—					
04453	Boric	40	per doz.,	12/-	6/9	2/9
04454	Carbolic, bleached	5	,,	12/-	6/9	2/9
04455	Do. unbleached	5	,,	12/-	6/9	2/9
04456	Iodoform	5	,,	19/-	10/3	3/11
04457	Iodoform	10	,,	24/-	12/9	4/9
04458	Lister's Cyanide	3	,,	14/-	7/9	3/1
04459	Sal-Alembroth	1	,,	11/-	6/3	2/6
04460	Salicylic	4	,,	14/-	7/9	3/1
04461	Sublimate	$\frac{1}{10}$	,,	10/6	6/3	2/6

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

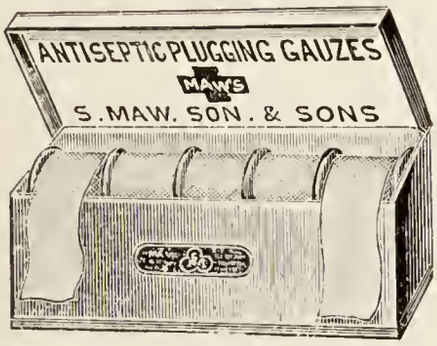
Dressings—Contd.—

Gauzes, Maw's, Antiseptic, B.P.C.—**Contd.—**

No.		Percentage.		6 yds.	3 yds.	1 yd.
	In Small Flat Cartons—					
04462	Boric	40	per doz.,	—	8/-	3/9
04463	Carbolic, bleached	5	,,	—	8/-	3/9
04464	Do. unbleached	5	,,	—	8/-	3/9
04465	Iodoform	5	,,	—	11/6	4/11
04466	Iodoform	10	,,	—	14/-	5/9
04467	Lister's Cyanide	3	,,	—	9/-	4/1
04468	Sal-Alembroth	1	,,	—	7/6	3/6
04469	Salicylic	4	,,	—	9/-	4/1
04470	Sublimate	$\frac{1}{10}$	,,	—	7/6	3/6

Gauzes, Maw's, Antiseptic, " B " quality—

	In Paper Packets—					
04471	Boric		per doz.,	7/6	—	—
04472	Carbolic		,,	7/-	—	—
04473	Iodoform, 5%		,,	10/-	—	—
04474	Iodoform, 10%		,,	12/8	—	—
04475	Lister's Cyanide		,,	7/-	—	—
04476	Sal-Alembroth		,,	6/8	—	—
04477	Salicylic		,,	7/6	—	—
04478	Sublimate		,,	6/8	—	—



04485

04479-84

04487

Gauzes for Plugging—

		Percentage.		½ in.	1 in.	1½ in.	2 in.
	On Reels of 6 yds.—						
04479	Boric	40	per doz.,	5/-	5/3	5/6	6/3
04480	Carbolic	5	,,	5/-	5/3	5/6	6/3
04481	Iodoform	10	,,	6/-	6/3	7/-	7/9
04482	Lister's Cyanide	3	,,	5/4	5/9	6/-	6/6
04483	Plain Absorbent	—	,,	5/-	5/3	5/6	6/3
04484	Sublimate	$\frac{1}{10}$	,,	5/-	5/3	5/6	6/3
04485	Tin Box, to hold either four or six reels	—	,,	6/-	6/-	6/-	6/-
	In Bottles containing 12 yds.—						
04486	Iodoform	10	per doz.,	12/3	12/9	14/3	15/9
04487	Lister's Cyanide	3	,,	10/9	11/9	12/3	13/3
04488	Plain Absorbent	—	,,	10/3	10/9	11/3	12/9
04489	Do. do., sterilized..	—	,,	12/3	12/9	14/3	15/9

Lints, Maw's, Antiseptic, B.P.C.—

		Percentage.		1 lb.	½ lb.	¼ lb.	2 oz.	1 oz.
	In Collapsible Cartons—							
04490	Boric	45	per doz.,	21/-	12/-	6/6	—	—
04491	Carbolic	5	,,	29/-	16/-	8/6	—	—
04492	Iodoform	10	,,	65/-	34/-	17/6	—	—
04493	Lister's Cyanide ..	3	,,	44/-	23/6	12/3	—	—
04494	Sal-Alembroth ..	2	,,	30/-	16/6	8/9	—	—
04495	Salicylic	4	,,	33/-	18/-	9/6	—	—
04496	Sublimate	$\frac{1}{4}$	,,	28/-	16/6	8/9	—	—

NOTE.—All MAW'S Antiseptic and Sterilized Dressings are prepared under the supervision of a qualified chemist, and the percentage of each is guaranteed to be as nearly identical with the specified strength as is possible in the production of Dressings of this character.

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

04504

04511

04493

04500

Dressings—Contd.—

No.	**Lints,** Maw's, Antiseptic, B.P.C.—**Contd.—**			1 lb.	½ lb.	¼ lb.	2 oz.	1 oz.
	In Sealed Tins..	Percentage.						
04497	Boric	45	per doz.,	25 -	15/3	8 6	—	—
04498	Carbolic	5	,,	33/-	19 3	10 6	—	—
04499	Iodoform	10	,,	69 -	37/3	19/6	—	—
04500	Lister's Cyanide ..	3	,,	48 -	26 9	14 3	—	—
04501	Sal-Alembroth ..	2	,,	34 -	19/9	10/9	—	—
04502	Salicylic	4	,,	37/-	21/3	11 6	—	—
04503	Sublimate	¼	,,	34 -	19/9	10/9	—	—
							Compressed or Uncompressed	
	In Paper Packets—							
04504	Boric	45	per doz.,	19 -	10/3	5/6	3 2	2 -
04505	Carbolic	5	,,	27/-	14/3	7/6	4 2	2/6
04506	Iodoform	10	,,	63 -	32/3	16/6	8 8	4 9
04507	Lister's Cyanide ..	3	,,	42 -	21/9	11 3	6 -	3/6
04508	Sal-Alembroth ..	2	,,	28 -	14 9	7 9	4 3	2 6
04509	Salicylic	4	,,	31 -	16 3	8/6	4 8	2/9
04510	Sublimate	¼	,,	28 -	14/9	7 9	4 3	2/6
	In Square Flat Cartons—							
04511	Boric	45	per doz.,	—	—	—	4 6	3/-
04512	Carbolic	5	,,	—	—	—	5 6	3/6
04513	Iodoform	10	,,	—	—	—	10/-	5/9
04514	Lister's Cyanide ..	3	,,	—	—	—	7 3	4/6
04515	Sal-Alembroth ..	2	,,	—	—	—	5 6	3 6
04516	Salicylic	4	,,	—	—	—	6/-	3/9
04517	Sublimate	¼	,,	—	—	—	5 6	3 6
	Lints, Maw's, Antiseptic, "B" quality—							
	In Paper Packets—							
04518	Boric		.. per doz.,	13 9	—	—	—	—
04519	Carbolic		,,	24/-	—	—	—	—
04520	Iodoform, 10%		,,	57/6	—	—	—	—
04521	Lister's Cyanide		,,	25 6	—	—	—	—
04522	Sal-Alembroth		,,	22 9	—	—	—	—
04523	Salicylic		,,	24/-	—	—	—	—
04524	Sublimate		,,	22 9	—	—	—	—

04525

04527

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

Dressings—Contd.—

Lints, unmedicated—

No.	In Paper Packets—	1 lb.	½ lb.	4 oz.	2 oz.	1 oz.
04525	Hospital, No. 1 (14 ins. wide) per doz.,	17/-	9/0	4/9	2/6	1/4
04526	Do. No. 2 ,, ,,	19/-	—	—	—	—
04527	Do. Super ,, ,,	21/-	—	—	3/4	1/10
04528	Surgeons', super ,, ,,	23/-	12/6	6/6	—	—
04529	No. 11, (18 in. wide) .. ,,	17/-	—	—	—	—

04542-44

Sterilized Dressings, Maw's, in Germ-proof Sack-mouthed Packets—

	Gauzes, per doz. packets—	Percentage.		1 yd.	3 yds.	6 yds.
04530	Boric	40	..	6/9	11/6	—
04531	Lister's Cyanide	3	..	7/-	13/-	19/-
04532	Plain Absorbent	—	..	5/9	9/9	15/6
04533	Sal-Alembroth	1	..	6/6	11/-	—
	Lints, per doz. packets—		1 oz.	2 oz.	4 oz.	8 oz.
04534	Boric	45	6/3	8/3	—	—
04535	Lister's Cyanide	3	7/9	11/3	—	—
04536	Plain Absorbent	—	6/-	7/9	11/3	—
04537	Sal-Alembroth	2	6/9	9/6	—	—
	Wools, per doz. packets—					
04538	Boric	45	6/-	8/-	—	—
04539	Lister's Cyanide	3	7/-	10/3	14/3	23/3
04540	Plain Absorbent	—	4/9	6/6	8/9	13/-
04541	Sal-Alembroth	2	6/3	8/6	—	—

Sterilized Dressings, Maw's, combined, in Germ-proof, Sack-mouthed Packets—

		£	s.	d.
	For Major Operations, each packet containing twelve pieces of gauze, 18 in. by 18 in., folded in four, and eight pieces of wool, 18 in. by 10 in., folded in two—			
04542	Alembroth .. .. per doz. pkts.	1	9	0
04543	Lister's Cyanide .. .. ,, ,,	1	16	0
04544	Plain Absorbent .. .. ,, ,,	1	4	0
	For Minor Operations, each packet containing twelve pieces of gauze, 9 in. by 9 in., folded in four, and four pieces of wool, 6½ in. by 6½ in., folded in two—			
04545	Alembroth .. .. per doz. pkts.	0	12	6
04546	Lister's Cyanide .. .. ,, ,,	0	14	0
04547	Plain Absorbent .. .. ,, ,,	0	11	6

MAW'S Sterilised Dressings are prepared with the utmost attention to detail, and can be recommended with the greatest confidence. They have been submitted to an examination by a distinguished bacteriologist, and have received a most favourable report.

EXTRACT FROM "THE BRITISH MEDICAL JOURNAL," Aug. 30, 1902—"Our examination shows the gauze to be sterile, and we entirely approve of the principle on which the package is sealed."

04548

04549

04548	Tow, carbolised, Maw's .. .. per lb.	0	0	6
04549	Do. plain, for padding splints, etc., common quality .. ,,	0	0	3
04550	Do. tarred, in 1 lb. cartons .. .. ,,	0	0	6

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

04554

04561

04576

04565

Dressings—Contd.—

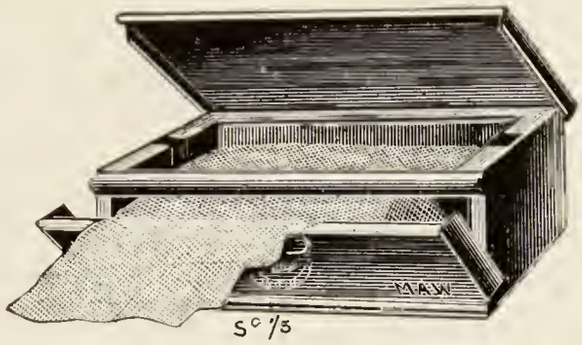
Wools, Maw's, Antiseptic, B.P.C.—

No.		Percentage.		1 lb.	½ lb.	¼ lb.	2 oz.	1 oz.
	In Collapsible Cartons—							
04551	Boric	45	per doz.,	19/-	11/3	6/-	—	—
04552	Carbolic	5	,,	22/-	12/9	6/9	—	—
04553	Iodoform	10	,,	60/-	31/9	16/3	—	—
04554	Lister's Cyanide ..	3	,,	36/-	19/9	10/3	—	—
04555	Sal-Alembroth ..	2	,,	22/-	12/9	6/9	—	—
04556	Salicylic	4	,,	24/-	13/9	7/3	—	—
04557	Sublimate	¼	,,	21/-	12/3	6/6	—	—
	In Sealed Tins—							
04558	Boric	45	per doz.,	23/-	14/3	9/-	—	—
04559	Carbolic	5	,,	26/-	15/9	9/9	—	—
04560	Iodoform	10	,,	64/-	34/9	19/3	—	—
04561	Lister's Cyanide ..	3	,,	40/-	22/9	13/3	—	—
04562	Sal-Alembroth ..	2	,,	26/-	15/9	9/9	—	—
04563	Salicylic	4	,,	28/-	16/9	10/3	—	—
04564	Sublimate	¼	,,	25/-	15/3	9/6	—	—
						Compressed or Uncompressed.		
	In Paper Packets—							
04565	Boric	45	per doz.,	17/-	9/3	5/-	2/11	1/10
04566	Carbolic	5	,,	20/-	10/9	5/9	3/3	2/-
04567	Iodoform	10	,,	58/-	29/9	15/3	8/-	4/5
04568	Lister's Cyanide ..	3	,,	34/-	17/9	9/3	5/-	2/11
04569	Sal-Alembroth ..	2	,,	20/-	10/9	5/9	3/3	2/-
04570	Salicylic	4	,,	22/-	11/9	6/3	3/6	2/2
04571	Sublimate	¼	,,	19/-	10/3	5/6	3/2	2/-
	In Square Flat Cartons—							
04572	Boric	45	per doz.,	—	—	—	4/2	2/10
04573	Carbolic	5	,,	—	—	—	4/6	3/-
04574	Iodoform	10	,,	—	—	—	9/3	5/6
04575	Lister's Cyanide ..	3	,,	—	—	—	6/3	4/-
04576	Sal-Alembroth ..	2	,,	—	—	—	4/6	3/2
04577	Salicylic	4	,,	—	—	—	4/9	3/4
04578	Sublimate	¼	,,	—	—	—	4/6	3/-
	Wools, Maw's "B" quality—							
	In Paper Packets—							
04579	Boric	..	per doz.,	10/9	—	—	—	—
04580	Carbolic	..	,,	14/6	—	—	—	—
04581	Iodoform, 10% ..	..	,,	48/-	—	—	—	—
04582	Lister's Cyanide ..	..	,,	14/9	—	—	—	—
04583	Sal-Alembroth ..	..	,,	13/6	—	—	—	—
04584	Salicylic	..	,,	14/9	—	—	—	—
04585	Sublimate	..	,,	13/6	—	—	—	—
	Wools, Non-medicated, Absorbent—							
	In Paper Packets—							
04586	Best quality ..	..	per doz.,	18/-	9/-	5/-	2/8	1/6
04587	No. 1..	..	,,	11/-	5/6	3/3	1/9	1/-
04588	No. 2..	..	,,	14/-	7/-	4/-	2/2	1/2

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

Wools, Non-medicated, Absorbent—**Contd.—**

No.	In Paper Packets—Contd.—	1 lb.	½ lb.	4 oz.	2 oz.	1 oz.
04589	Hospital quality .. .. per doz.,	9/6	—	—	—	—
04590	Rolled with tissue .. .. ,,	15/-	7/6	4/3	2/3	1/3
04591	Do. do., X quality .. ,,	13/-	—	—	—	—
04592	Do. do., Hospital quality ,,	10/-	—	—	—	—
	In Collapsible Cartons—					
04593	Best quality .. .. per doz.,	—	—	6/6	3/9	2/3
04594	Rolled with tissue .. .. ,,	16/-	8/6	4/9	2/8	1/6



04595-96

		£	s.	d.
04595	**" Emergency " Tins,** large size .. .. each	0	3	9
04596	Do. do., small size .. .. ,,	0	2	6

The " Emergency " tins are of handsome appearance, being enamelled a dark green colour with the name of the dressing in gilt letters upon the front. The dressings are wound upon rollers which revolve in slots at either end of the tin, and when required for use all that is necessary is to pull out the free end and cut off the required amount of dressing with a pair of scissors; it is unnecessary to remove the tin from the cabinet.

The side wings attached to the front of the tins effectually prevent the entrance of dust and dirt when the fronts are closed.

" Emergency " Dressing—

Gauzes, wound on rollers, in Sealed Paper Packets—

		Percentage.		Small.	Large.
04597	Carbolised	5	.. each	1/3	1/9
04598	Iodoform	10	.. ,,	2/3	3/3
04599	Lister's Cyanide	3	.. ,,	1/6	2/-
04600	Sal-Alembroth	1	.. ,,	1/3	1/8
04601	Salicylic	4	.. ,,	1/6	2/-
04602	Sublimate	¼	.. ,,	1/3	1/9
	Lints, wound on rollers, in Sealed Paper Packets—				
04603	Absorbent	—	.. each	-/8	-/10
04604	Boric	45	.. ,,	-/9	1/-
04605	Carbolic	5	.. ,,	-/9	1/-
04606	Iodoform	10	.. ,,	1/6	2/2
04607	Lister's Cyanide	3	.. ,,	1/-	1/6
04608	Sal-Alembroth	2	.. ,,	-/9	1/1
04609	Salicylic	4	.. ,,	-/10	1/2
04610	Sublimate	¼	.. ,,	-/9	1/-
	Wools, wound on rollers, in Sealed Paper Packets—				
04611	Absorbent	—	.. each	-/5	-/6
04612	Boric	45	.. ,,	-/6	-/8
04613	Carbolic	5	.. ,,	-/6	-/8
04614	Iodoform	10	.. ,,	1/1	1/4
04615	Lister's Cyanide	3	.. ,,	-/8	-/11
04616	Sal-Alembroth	2	.. ,,	-/6	-/8
04617	Salicylic	4	.. ,,	-/6	-/8
04618	Sublimate	¼	.. ,,	-/6	-/8

Ligatures and Suture Materials, etc.—

04619	Buttons, lead, Lister's .. .. per doz.	0	3	0

04620 Catgut, raw—

Nos.	0000	000	00	0	1	2	3	4	5	6	7	8
Per doz. hanks	2/3	2/4	2/6	2/8	3/-	3/6	3/10	4/4	4/10	5/8	7/2	8/4

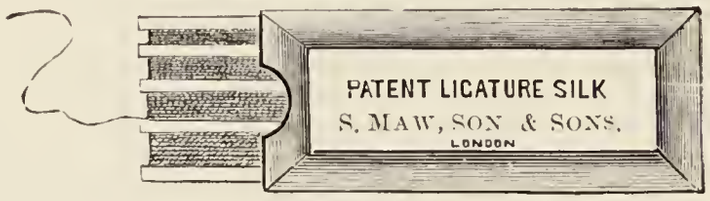
04621 Catgut, Sulpho-Chromic, dry—

Nos.	0000	000	00	0	1	2	3	4	5	6	7	8
Per doz. hanks	3/5	3/6	3/8	3/10	4/2	4/8	5/-	5/6	6/-	6/10	8/4	9/6

Each of the above hanks contains 4 yards.

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

No.	Ligature and Suture Materials, etc.—Contd.—		£	s.	d.
04622	Celluloid Thread, sizes 0-6, in hanks	per doz.	0	10	0
04623	Do. do., on reels	,,	0	8	0
04624	Fergusson's Thread (Snooding) in hanks	,,	0	1	6
04625	Horsehair, selected, in hanks..	,,	0	6	0
04626	Kangaroo Tendons, fine, medium, or strong ..	,,	0	3	6
04627	Shot, perforated	,,	0	0	4
04628	Coils for do.	,,	0	2	6
04629	Shot and Coil Sutures, Aveling's, combined	,,	0	3	0



04630

04630	Silk, plaited, assorted sizes, on vulcanite tablet, in card case ..		0	1	0
04631	Do. do., on reels, sizes 1-12	each	0	0	9
04632	Do. do., in hanks.. per doz., Nos. 0-8, 6/-; Nos. 9-12		0	7	6
04633	Do. iron dyed (black), one size, on tablet, sizes 00-4,	per doz.	0	3	0
04634	Do. Floss, waxed, on reels per doz., 12 yds., 4/6; 8 yds. ..		0	3	6
04635	Do. do., unwaxed .. ,, 12 yds., 4/-; 8 yds. ..		0	3	0
04636	Do. do., waxed, on reels, in glass tubes, with metal caps and cutters in card boxes containing 1 dozen ..	per box	0	4	0

		Nos. 00	0	1	2	3
04637	Do. Japanese .. per doz. reels	10/6	11/3	12/9	15/-	18/-

04638	Silk, twisted, in hanks, hard or soft, sizes 00-8 ..	per doz.	0	5	0
04639	Do. do., on reels, hard or soft, sizes 00-8 ..	,,	0	6	0

04640-44

04652

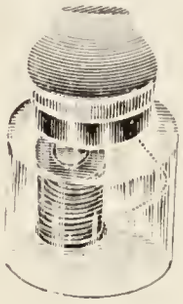
04653

			10 in.	14 in.
	Silkworm Gut, white, pink, or black, in Card Box—			
04640	Extra stout	per 100	—	4/-
04641	Stout	,,	1/4	1/6
04642	Medium	,,	1/3	1/6
04643	Fine	,,	1/2	1/6
04644	Extra fine..	,,	—	2/9
	Thread, Linen, Barbour's—		in 1 oz. hanks.	on 2 oz. reels.
04645	No. 16	per doz.	4/6 ..	8/6
04646	No. 22	,,	5/- ..	9/6
04647	No. 25	,,	5/6 ..	10/3
04648	No. 30	,,	6/- ..	11/-
04649	No. 35	,,	6/6 ..	12/-
04650	No. 40	,,	7/6 ..	13/6
04651	No. 50	,,	9/- ..	15/6

04652	Wire, plated, in hanks	per doz.	0	4	0
04653	Do. silver, 3 assorted sizes on tablet	per tablet	0	2	6
04654	Do. do., on reels ($\frac{1}{4}$ oz.), sizes 24-34	each	0	2	0
04655	Do. do., for fractures, Nos. 16, 18 or 20 S.W.G.	per $\frac{1}{2}$ oz. hank	0	3	0

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

04660-67



04656-59

04668-69

No.	**Ligatures and Sutures,** prepared for use—		£	s.	d.
	In Stoppered Bottle, on glass reels—				
04656	Catgut, specially prepared, in alcohol, sizes 0000-8	each	0	1	8
04657	Do. do., in carbolic solution (1 in 20)	,,	0	1	6
04658	Silk, sterilised, in alcohol sizes 00-8	,,	0	1	4
04659	Do. in carbolic solution (1 in 20) ..	,,	0	1	2
	In Screw-cap Bottles, with 3 reels and india-rubber bung—				
04660	Catgut, specially prepared, in alcohol, 3 assorted sizes	,,	0	2	3
04661	Do. do., in carbolic solution (1 in 20)	,,	0	2	1
04662	Do. do., in carbolic oil ..	,,	0	2	1
04663	Do. Iodized, in alcohol	,,	0	2	6
04664	Silk, plaited, sterilised in alcohol, 3 assorted sizes	,,	0	1	9
04665	Do. do., in carbolic solution (1 in 20)	,,	0	1	7
04666	Silk, twisted, sterilised, in alcohol, 3 assorted sizes	,,	0	1	9
04667	Do. do., in carbolic solution (1 in 20)	,,	0	1	7
	In Wide-mouthed corked Bottles, with gilt capsules—				
04668	Catgut, carbolised in oil (12 yds.)—				

No.	0000	000	00	0	1	2	3
Per doz.	12/-	12/6	12/9	13/-	14/3	15/3	16/-

04669	Catgut, carbolised, assorted sizes, Nos. 0, 1 and 2, per doz.	0	14	0

04670-75

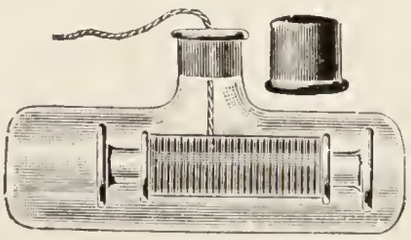
In Screw-cap Glass Tubes, with spool, containing about 50 double lengths, in carbolic solution (1 in 20)—

			$6\frac{1}{2}$ in. Tube.	10 in. Tube.
04670	Catgut, any size from 0000-8 ..	each	2/-	2/9
04671	Do. Iodized (in alcohol)	,,	2/6	—
04672	Horsehair, sterilised	,,	1/2	1/4
04673	Silk, plaited, any size, from 00-8 ..	,,	1/6	1/9
04674	Do. twisted, any size from 00-8 ..	,,	1/3	1/6
04675	Silkworm Gut, fine, medium, or stout	,,	1/6	1/9

The above can be put up in alcohol instead of carbolic solution at an additional cost of - 3 *and* - 5 *per tube respectively.*

In 5 in. glass tubes for Pocket cases, which can be refilled—

04676	Catgut	per doz.	2	10	0
04677	Horsehair	,,	2	5	0
04678	Silk, twisted	,,	2	2	0
04679	Silkworm Gut	,,	2	10	0



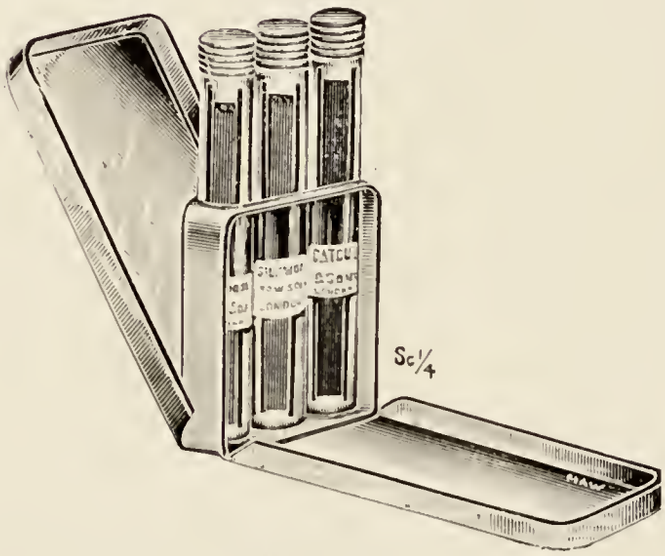
04680-81

In Patent Tanks, sterilised in alcohol—

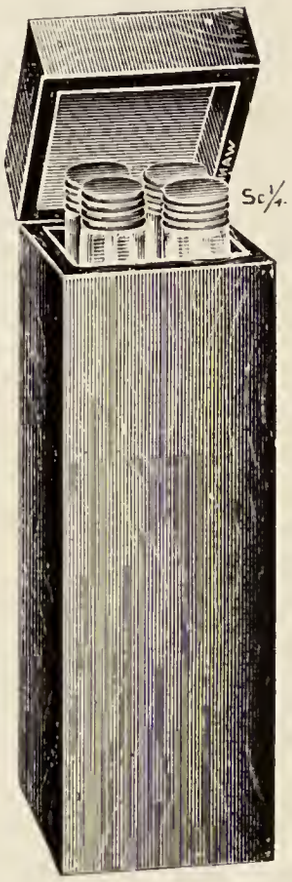
04680	Catgut, single bobbin tanks	each	0	1	0
04681	Silk, single bobbin tanks	,,	0	1	0
04682	Catgut three-bobbin tanks	,,	0	2	0
04683	Silk, three-bobbin tanks	,,	0	2	0

Materials for Dressing Wounds, Ligatures, etc.—Contd.—

No.		£	s.	d.
	Ligatures and Sutures, prepared for use—**Contd.**—			
	In Sealed Tubes (Van Horn and Sawtell)—			
04684	Catgut, 10, 20 or 30 day .. .. each	0	1	0
04685	Horsehair .. .. ,,	0	1	0
	In screw-cap Bottles—			
04686	Catgut (Triollet's) Nos. 00 to 6 .. .. .. ,,	0	1	7



04687

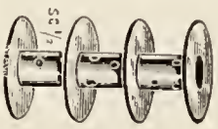


04688

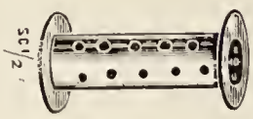
Ligature Boxes, etc.—

04687	Nickel-plated, to hold 3 6½-in. tubes, No. 04670-75 .. .. When box is open it forms a stand for the tubes	0	11	6
04688	Mahogany, Barker's, to hold 4 10-in. tubes, No. 04670-75 ..	0	6	6

04689



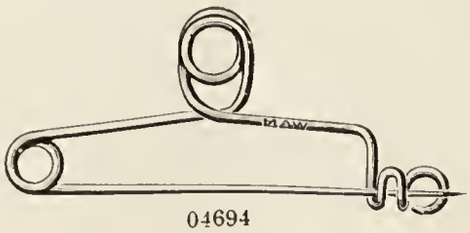
04692



04691

Ligature Reels—

04689	Glass, plain .. .. per doz., large **2/6**, medium **2/-**, small	0	1	6
04690	Do. fluted, Pearson's .. per doz., 1 in., **3/-** ; 1¼ in., **4/6** ; 1½ in., **5/6** ; 2 in.	0	7	0
04691	Pure tin, perforated, St. Bartholomew's Hospital pattern, per doz.	0	6	9
04692	Do. do. with 3 divisions .. .. .. ,,	0	10	6
04693	**Ligature Winders,** Maltese cross, coloured glass, numbered .. ,,	0	6	0

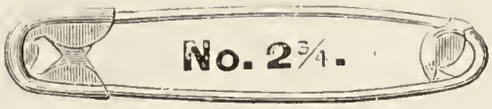


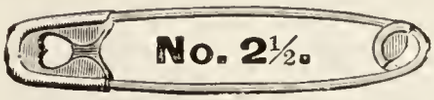
04694

Pins, Safety—

04694	Cousin's, 2 sizes, in boxes of 1 doz. .. per box, **-/10** and	0	1	0
04695	MAW's, steel, 3 sizes, in boxes of 1 doz. .. ..per doz. boxes	0	4	9
04696	Do. ordinary, in boxes of 3 doz., assorted sizes, per doz. boxes	0	3	6
04697	Do. superior, in metal boxes of 3 doz., assorted sizes, per box	0	1	0

Materials for Dressing Wounds, Ligatures, etc.—Contd.—
Pins, Safety—Contd.

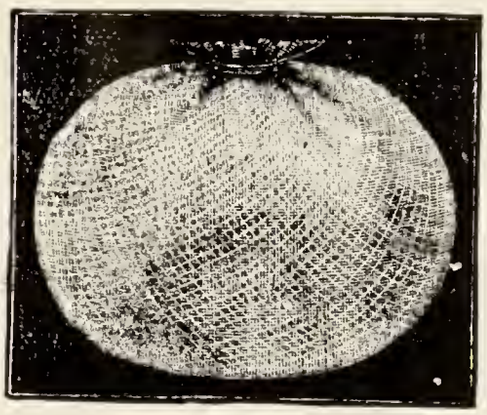




04698

No.		£	s.	d.
04698	Stewart's, to fasten on either side, per gross, No. 1, **2/6**; No. 2, **2/8**; No. 2½, **3/-**; No. 2¾, **3/2**; No. 3, **3/4**; No. 3½, **3/7**; No. 4	**0**	**18**	**0**
	Paper Handkerchiefs—			
04699	"Paperchiefs" .. .. per box of 50	**0**	**0**	**4**
04700	"Pinomcel," small .. per box of 500, **12/-**; 100, **2/6**; 50	**0**	**1**	**4**
04701	Do. large, .. per box of 500, **17/3**; 100, **3/7**; 50	**0**	**2**	**0**
04702	"Sanitary," in boxes of 100, 2 qualities .. per box, **1/-** and	**0**	**1**	**3**
04703	"Silky Fibre," in boxes of 50 .. .. .. per box	**0**	**0**	**10**

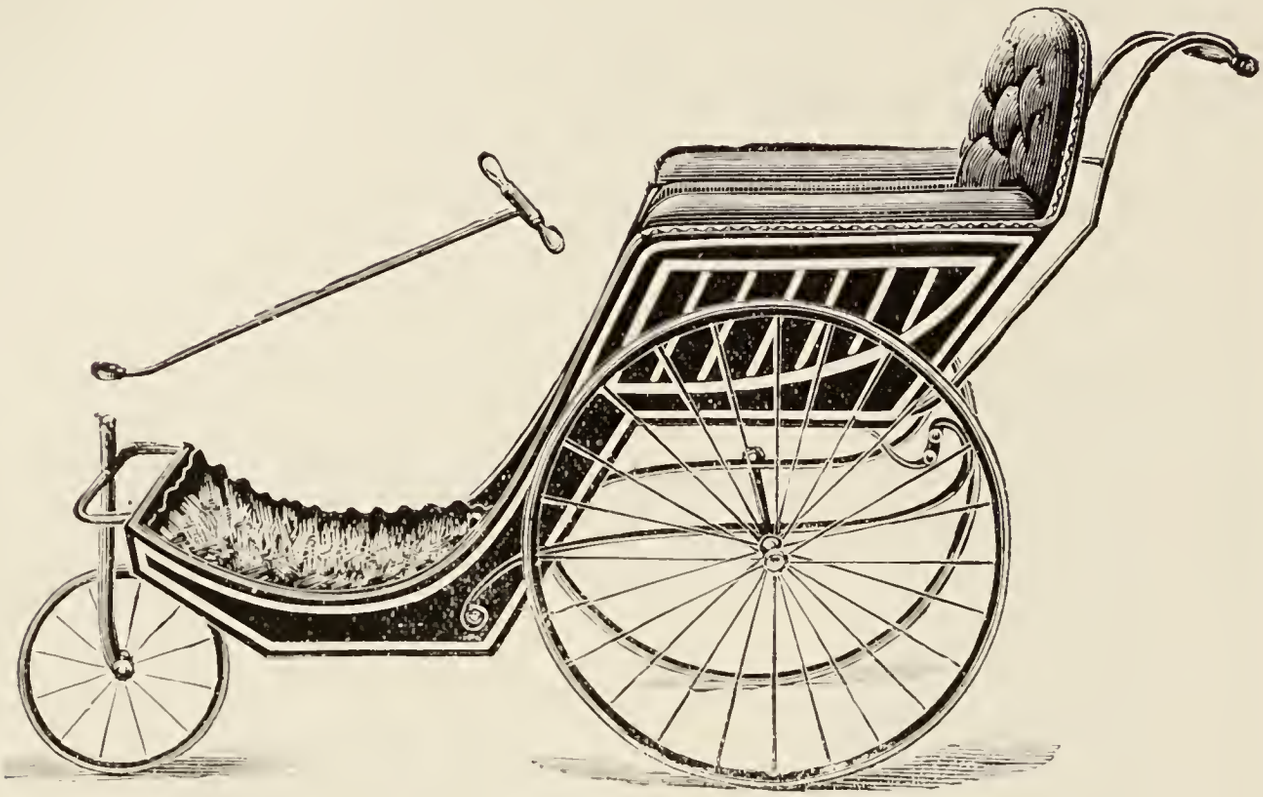
04706



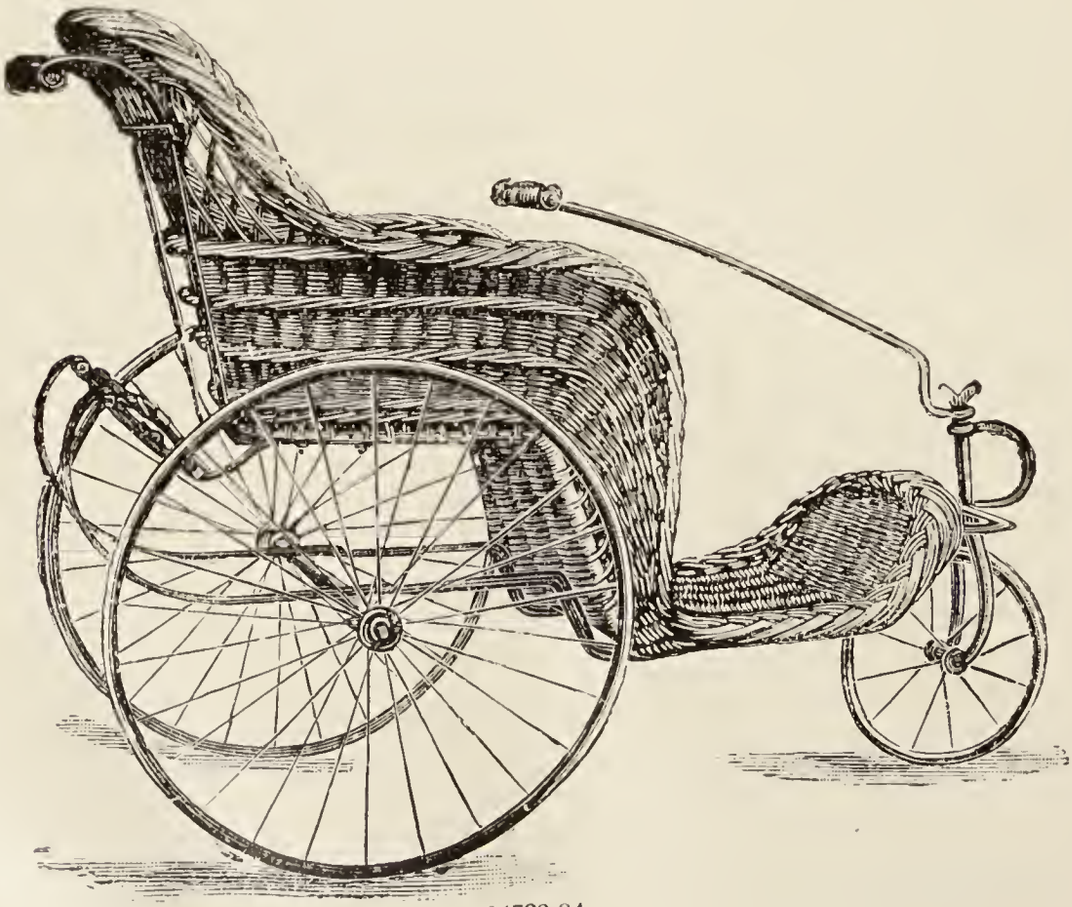
04713

	Sponges, for Wounds—			
04704	Honeycomb .. .. .. per doz., **2/-, 4/-, 6/6, 9/-** and	**0**	**13**	**0**
04705	Turkey .. .. ,, ,, **2/6, 4/-, 6/6, 9/-** and	**0**	**13**	**0**
04706	Do. sterilised, in glass bottle, hermetically sealed, containing 1 doz. .. .. per bot.	**0**	**2**	**9**
04707	Do. carbolised, small size, in bottles containing 1 doz. ,,	**0**	**2**	**3**
04708	Do. sterilised, large size, in bottles containing 1 doz. ,,	**0**	**8**	**0**
04709	Do. large flat, for Ovariotomy .. .. each, **2/6, 3/-** and	**0**	**4**	**0**
04710	Do. do. sterilised, in hermetically sealed jars, each containing 2 .. .. per jar	**0**	**7**	**0**
	Sponges, Artificial, "Mops"—			
04711	Flat Pads (Swabs), sterilised, as used at the Middlesex Hospital, per doz., 3½ by 3½ in., **1/6**; 4 by 6 in., **1/9**; 5½ by 7 in.,	**0**	**2**	**0**
04712	Sterilised "Mops," in packets of 2 doz. per doz. packets, Alembroth, **9/6**; Lister's Cyanide, **11/9**; plain wool	**0**	**8**	**0**
04713	Sublimate Wool, enclosed in gauze, 2 sizes per gross, **9/-** and	**0**	**7**	**0**
04714	**Sponge Cloths,** Greig Smith's .. .. per doz.	**0**	**1**	**9**
04715	**Spongio-Piline,** 36 in. wide .. .. per yd.	**0**	**9**	**9**
04716	Improved antiseptic Impermeable Piline, Markwick's ,,	**0**	**6**	**0**

INVALID AND CONSULTING ROOM FURNITURE, Etc.



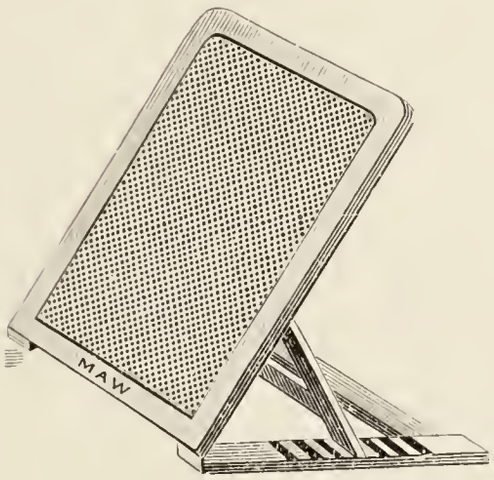
04717



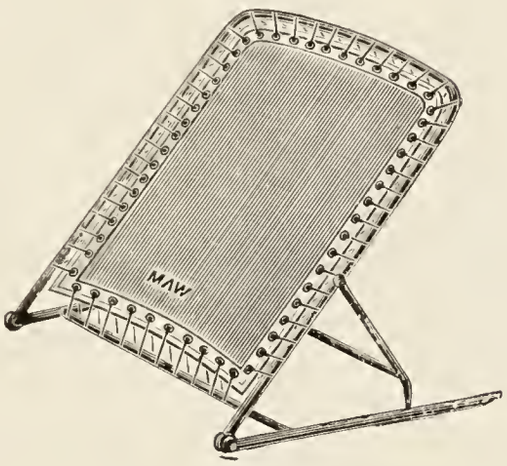
04722-24

Invalid and Consulting Room Furniture, etc.—Contd.—

No.	**Bath Chairs,** width from 27 in. to 29 in.—	£	s.	d.
04717	"The Princess," a very light panelled chair, suitable for a lady; mounted on double Cee springs and patent wired-on rubber-tyred wheels; fitted with detachable guide handle in front and back handle to push from behind; upholstered in leather cloth, with loose cushion; built low to the ground; and supplied with waterproof apron, lined with melton cloth medium size, **£9 15 0**; large size	12	0	0
	Extras—			
04718	Waterproof jointed hood	4	4	0
04719	Detachable shafts in addition to guide handle	1	16	0
04720	Patent canopy, best quality .. .. from	2	17	6
04721	Iron-framed awning, with straps	0	18	6
	Wicker Bath Chair on strapless steel Cee springs, with wired-on rubber-tyred bicycle wheels; fitted with front guide handle, self-steering wheel, seat cushion and floor cloth—three sizes—			
04722	For patient 5 ft.	4	4	0
04723	For patient 5 ft. 6 in.	4	15	0
04724	For patient 6 ft.	5	10	0
04725	Wicker Bath Chair, cheap quality, small size	2	5	0



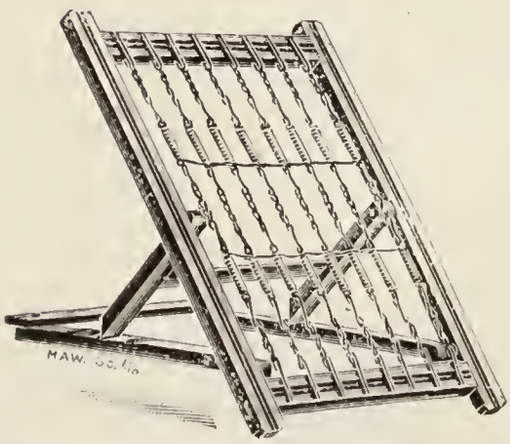
04726

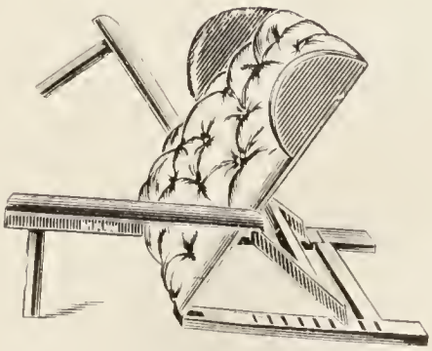


04728

Bed or Back Rests—

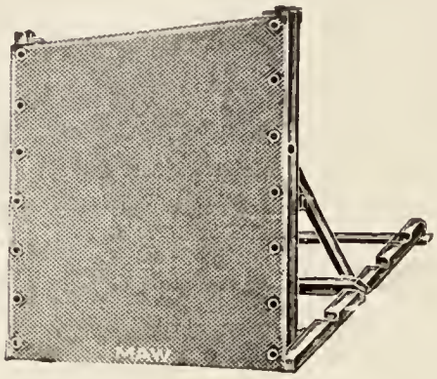
04726	Cane centre, with polished wood frame	0	12	0
04727	Do. do. do. with arms	0	15	0
04728	Iron, white enamelled, with canvas centre	0	12	6
04729	Do. do. do. with arms	0	14	6


04730

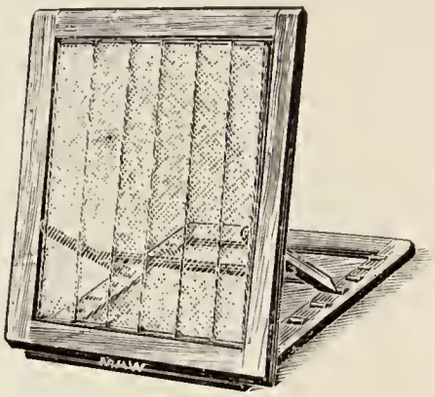

04732

04730	Spring wire centre, with wood frame	0	14	0
04731	Do. do. do. with arms	0	16	6
04732	Upholstered in cretonne, with hinged arms	1	14	6

Invalid and Consulting Room Furniture, etc.—Contd.—

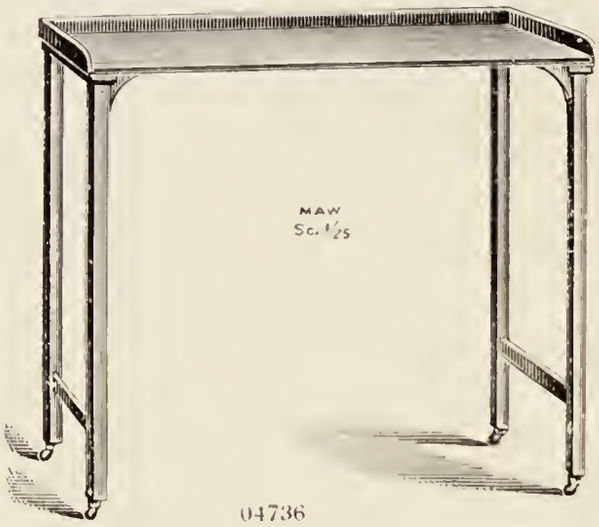


04733

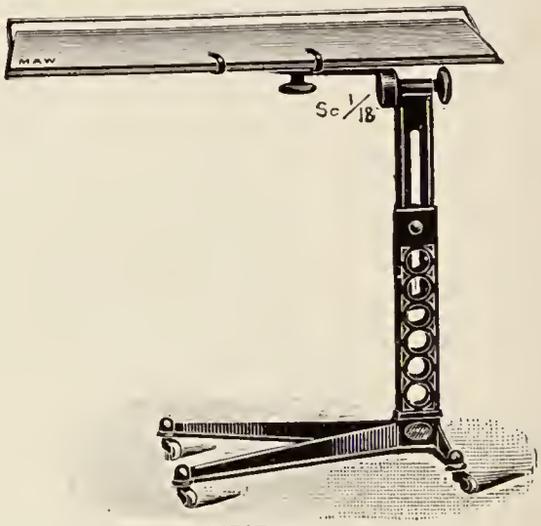


04735

No.	**Bed or Back Rests—Contd.—**	£	s.	d.
04733	Willesden cloth centre, with plain wood frame	0	4	6
04734	Do. do. with stained walnut frame	0	5	9
04735	Woven Wire centre, with polished wood frame	0	9	6



04736

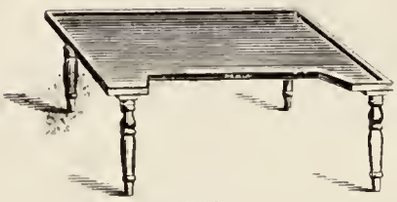


04737

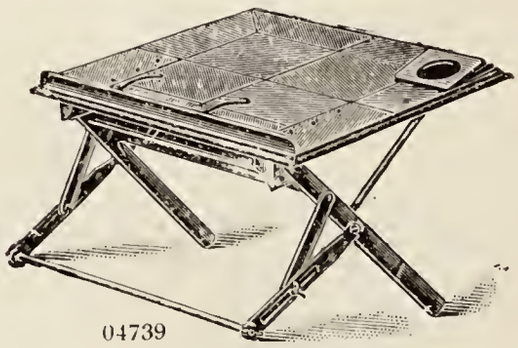
Bed Tables—

04736	Sydney Holland's, to stand over a single bed	1	2	6
04737	Telescopic, to stand at the side of the bed, suitable also as a reading desk	1	4	0

The leg of this table can be shifted to the centre, when not required as a bed table.

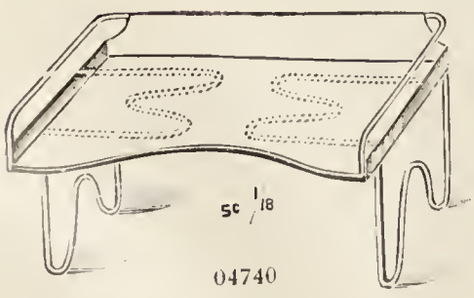


04738

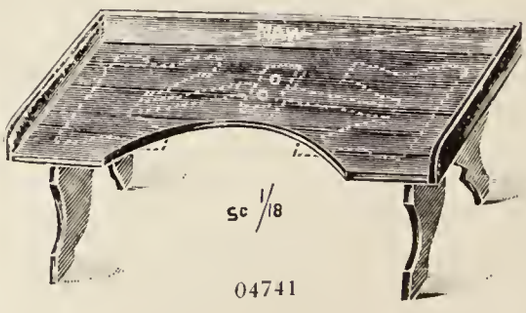


04739

04738	Plain wood, polished, with detachable legs	0	8	0
04739	"The Victoria," polished walnut, adjustable, suitable also as a writing table or reading desk	0	14	0



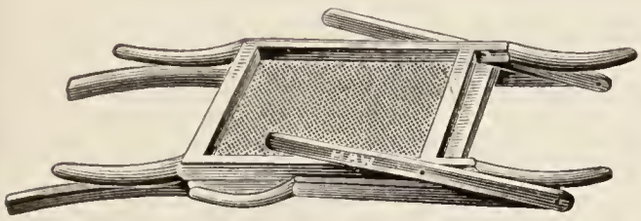
04740



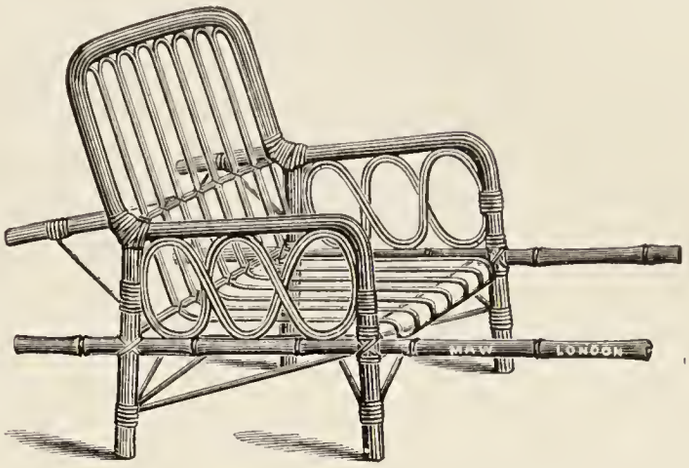
04741

Invalid and Consulting Room Furniture, etc.—Contd.—

No.	**Bed Tables—Contd.—**	£	s.	d.
04740	Enamelled Iron, with folding legs	0	6	6
04741	Walnut (stained), with folding legs..	0	6	6



04742

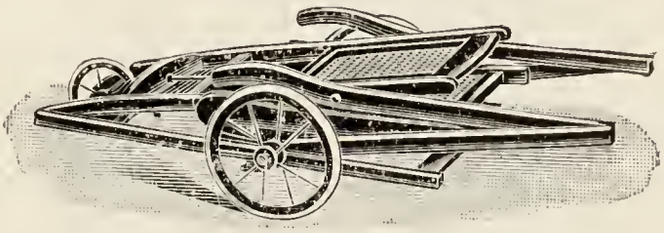


04743

Carrying Chairs—

04742	Caned seat and back, with polished wood frame, folding ..	1	11	6
04743	Cane and bamboo	1	3	6

04744



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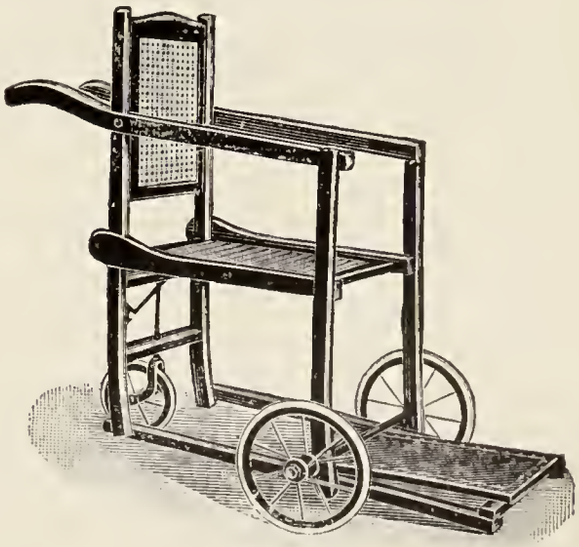
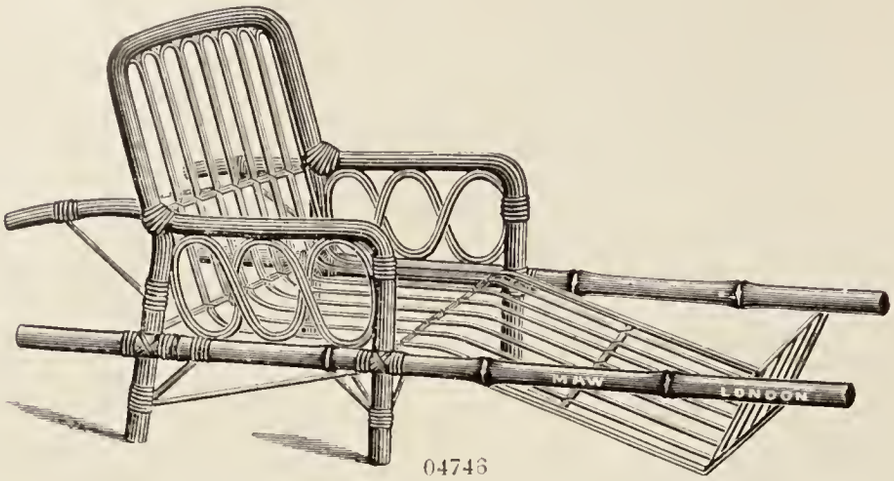


04745 (open)

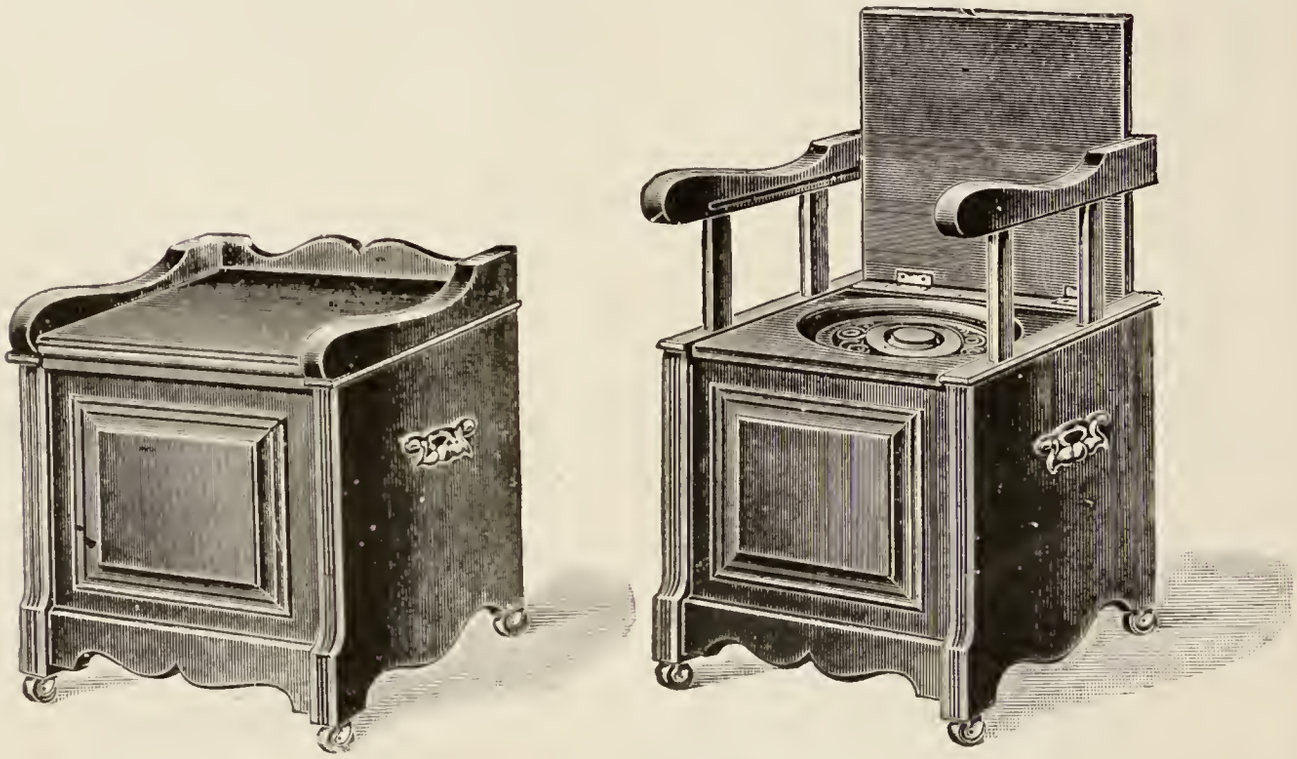
04744	Lounge carrying chair, polished wood frame (stained walnut colour) with caned seat and back; leg rest and carriers slide under seat of chair when not in use; back is adjustable to any position	3	4	0
04745	Wheel carrying chair, folding, with caned seat and back and polished wood frame. Dimensions:—Width over all, 28 in.; length when folded, 51 in.; width between arms, 16½ in.	3	3	0

Invalid and Consulting Room Furniture, etc.—Contd.—



04746

No.	**Carrying Chairs—Contd.**	£	s.	d.
04746	Cane and bamboo, with leg rest	1	8	0



Closed. 04747 Open.

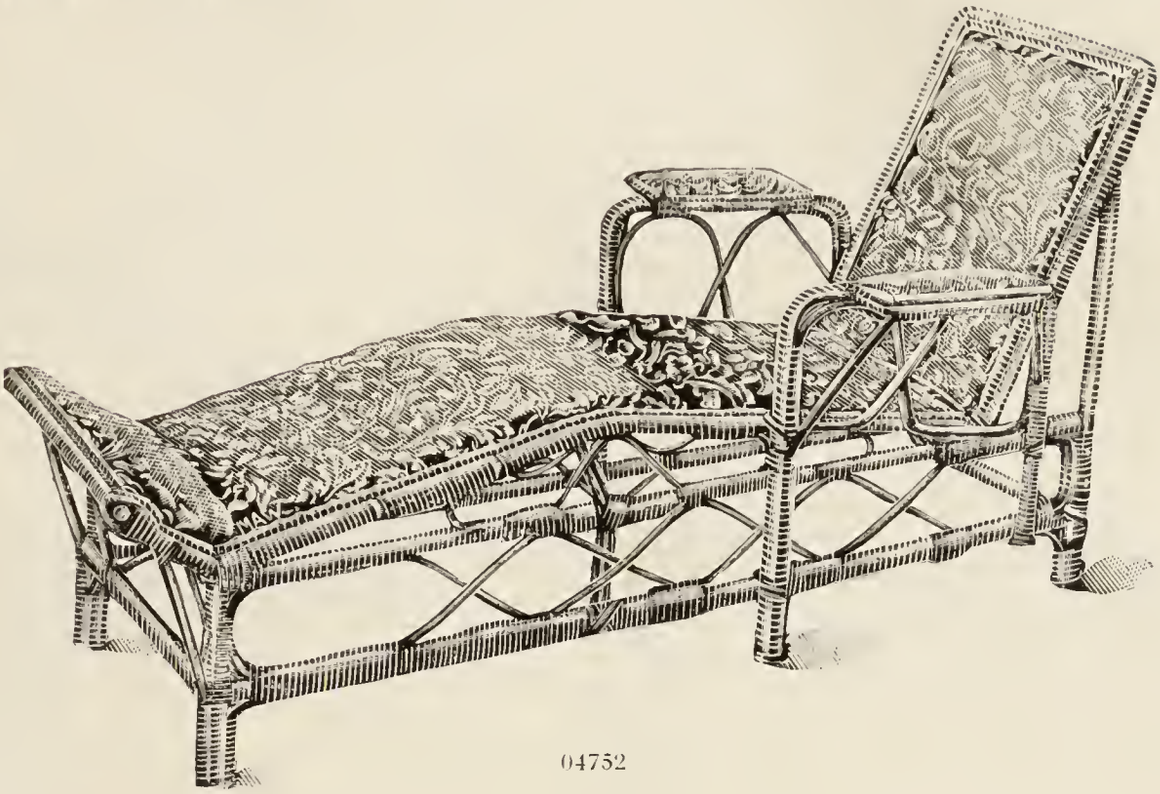
04747	**Commode, Bedside,** with automatic raising arms (reg. No. 494455), in walnut or mahogany, with pan complete..	2	5	0

04748 04750 04751

Commode Chairs—

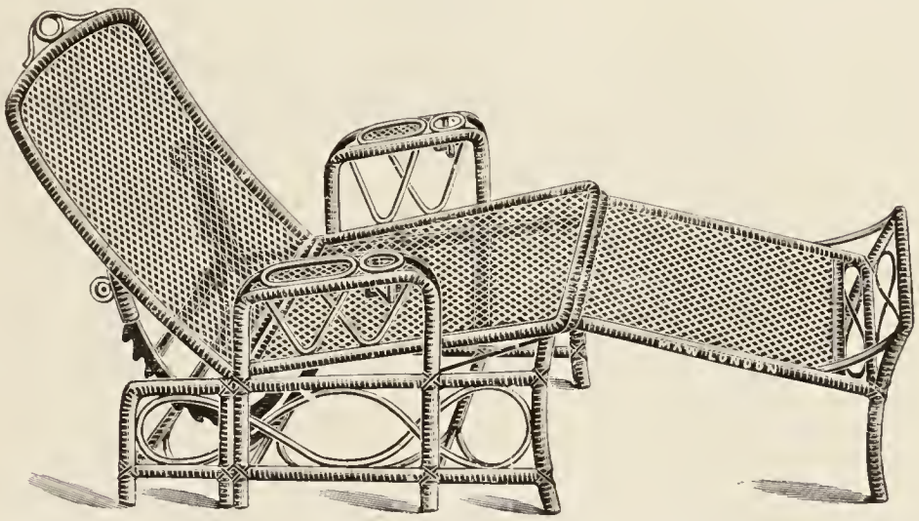
04748	Improved model, with drop hinged arms to admit of assistance being rendered more easily, fitted with patent trapped pan which is withdrawn from behind the chair	4	7	6
04749	Do. do. as No. 04748, but unupholstered ..	3	12	0
04750	Infirmary model, with caned back and seat	1	16	0
04751	Enamelled Iron, white, with pan	2	2	0

Invalid and Consulting Room Furniture, etc.—Contd.—



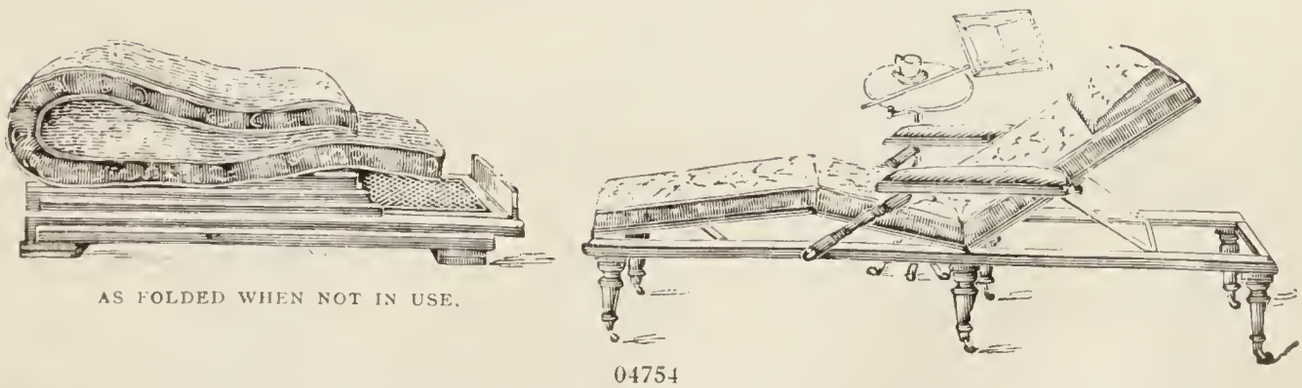
04752

No.		£	s.	d.
04752	**Couch,** sanatorium pattern, cane, with cretonne-covered cushions stuffed with hair..	2	17	6



04753

04753 **Couch,** cane, adjustable, with leg rest, to slide beneath the seat .. 1 14 0



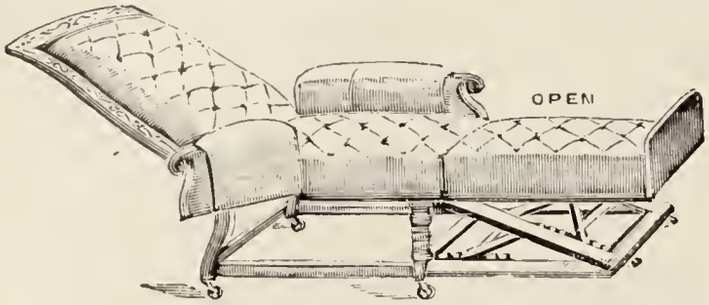
AS FOLDED WHEN NOT IN USE.

04754

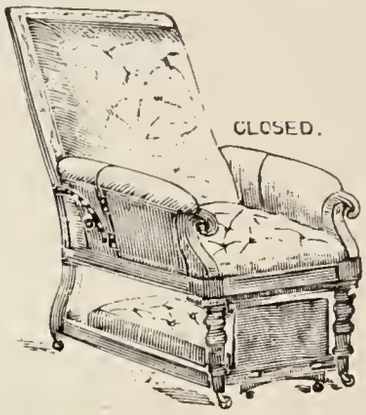
04754	***Couch,** Ilkley pattern, adjustable to any position, and fitted with padded arms, and cretonne-covered cushions, stuffed with hair	6	6	0
04755	* Do. do. do. without arms and cushions	3	12	6

* Made to order.

Invalid and Consulting Room Furniture, etc.—Contd.—

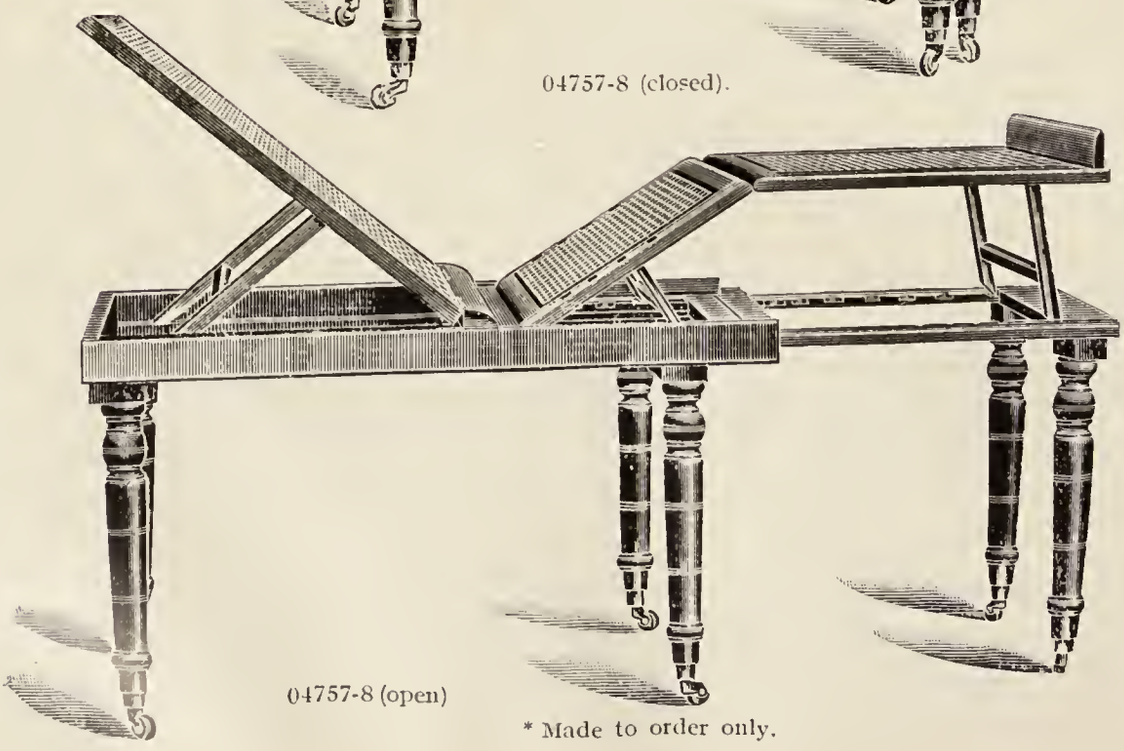


04756



No.		£ s. d.
04756	***Couch and Chair,** combined, with adjustable back and leg rest, fitted with hinged arms, which swing open so that the invalid may more easily get on and off; upholstered in tapestry, and stuffed with hair	**12 15 0**

04757-8 (closed).



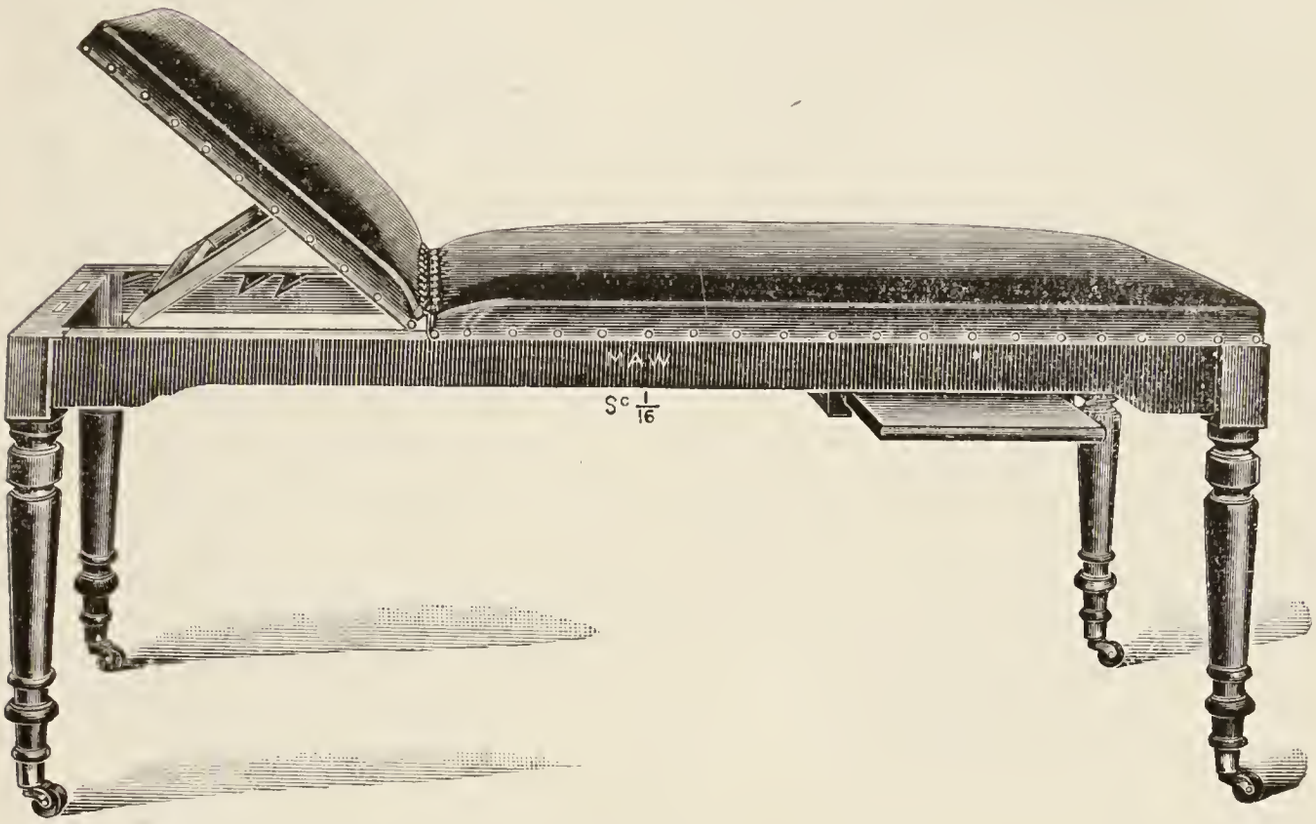
04757-8 (open)

* Made to order only.

Invalid and Consulting Room Furniture, etc.—Contd.—

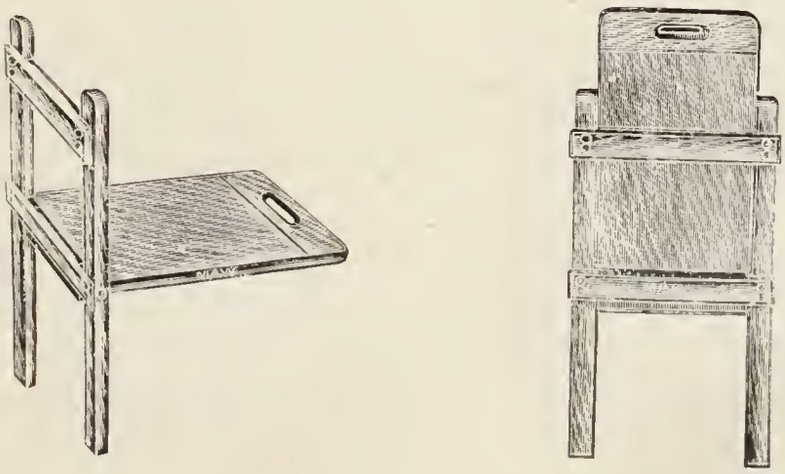
No.		£	s.	d.
04757	**Consulting-Room Couch,** birch, polished walnut or mahogany colour, with cushions, for use either as a chair or a couch	6	7	6
04758	*Do. do. solid oak	7	2	6

Dimensions—Length, closed, 50 inches ; extended, 76 inches. Width, 24 inches. Height, 26½ inches. Legs unscrew for packing.



04759-60

04759	**Consulting Room Couch,** polished mahogany or walnut colour, with adjustable back-rest and sliding tray and legs to unscrew, covered in leather cloth	4	10	0
	Length, 6 feet ; width, 2 feet ; height, 30 in.			
04760	*Do. do. as No. 04759, but made of best Spanish mahogany, covered with leather and stuffed with hair	7	10	0

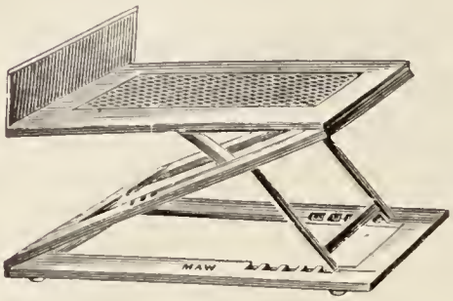


04761

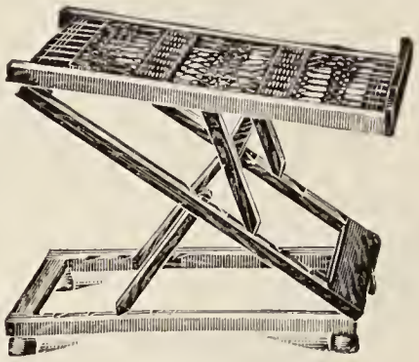
04761	**Leg Rest,** T-shape, self adjusting, constructed of solid fumed oak and so made that it can be carried about folded when not in use Dimensions—28½ in. and 11½ in.	0	5	6

* Made to order only

Invalid and Consulting Room Furniture—Contd.—

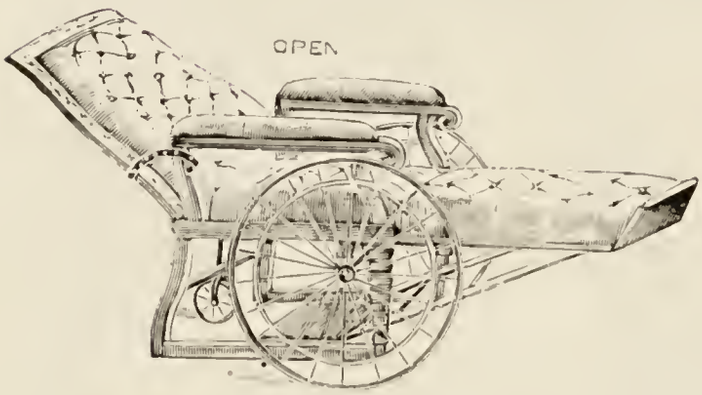


04762



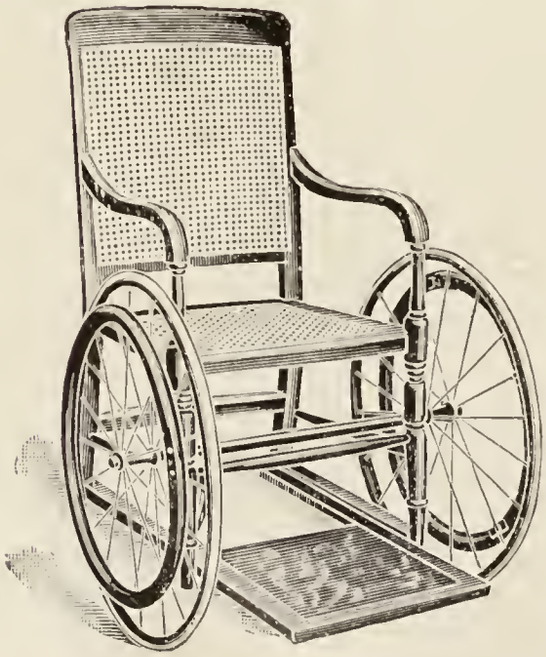
04763

No.	**Leg Rests,** adjustable—	£	s.	d.
04762	Caned centre, with polished wood frame	1	1	0
04763	Spring wire centre, with wood frame	1	3	0
04764	T-shape, plain	0	2	6



04765

04765 ***Merlin Chair and Couch** combined, fitted with best quality bicycle wheels, polished hand rims, and sliding foot rest; upholstered in tapestry and stuffed with hair 13 10 0



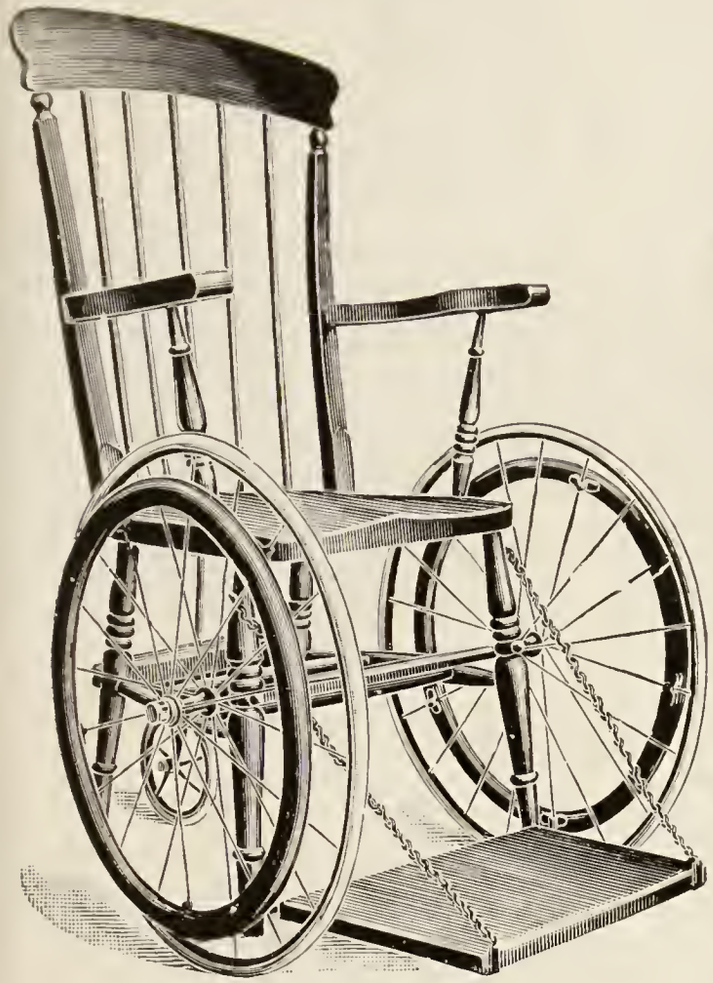
04766

04767

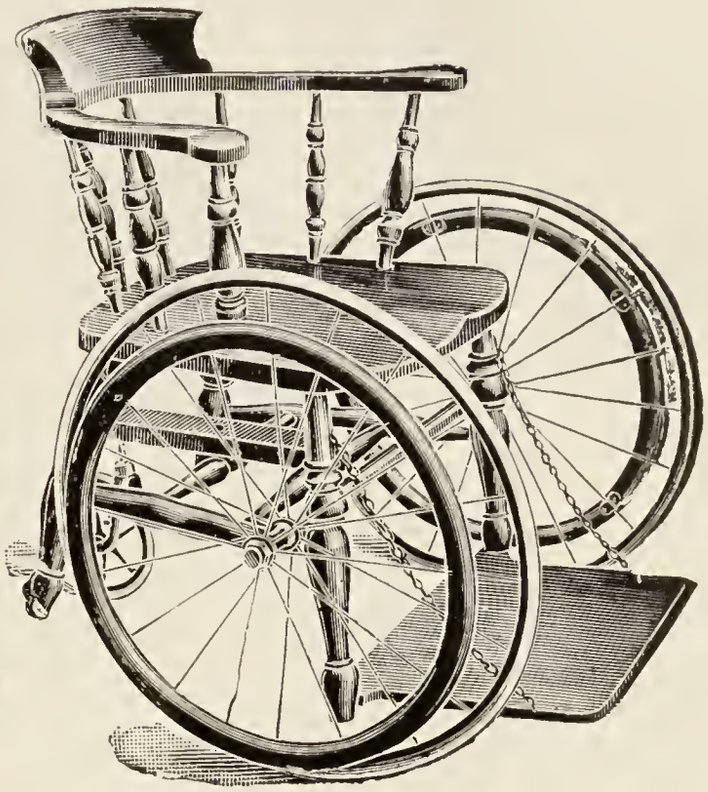
Merlin or Wheel Chairs—

04766	Superior quality, with caned back and seat, rubber-tyred bicycle wheels, polished hand rims, and sliding foot-board.. ..	3	18	0
04767	Windsor pattern, with adjustable leg rest and suspended foot-board	4	4	0

Invalid and Consulting Room Furniture, etc.—Contd.—



04768



04769

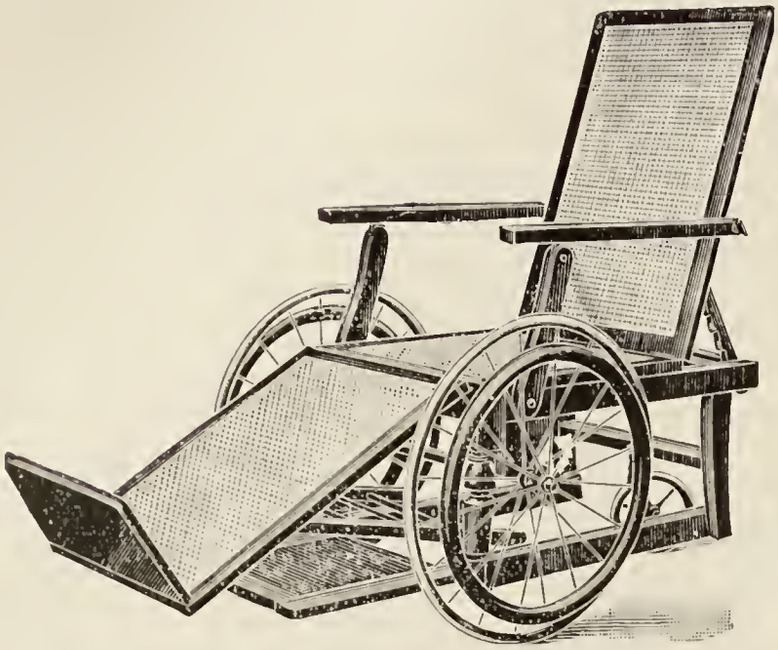
No.	Merlin or Wheel Chairs—Contd.—	£	s.	d.
04768	"Windsor" Chair with wood seat, 24 by $\frac{5}{8}$ in. rubber-tyred wheels and chain-suspended foot-rest; width over all, 25 in. ..	4	0	0
04769	"Institution" Chair with 25 in. by $\frac{5}{8}$ in. wired-on rubber-tyred wheels, polished hand-rims and chain-suspended foot-rest..	4	10	0

04770

04771

04770	Bent Wood Chair, stained walnut, with 25 in. by $\frac{5}{8}$ in. rubber-tyred wheels and carpeted foot-rest	3	15	0
04771	Children's Chair, with Birch frame, 3-ply seat, 25 by $\frac{5}{8}$ in. rubber-tyred wheels, and sliding carpeted foot-rest	2	17	0

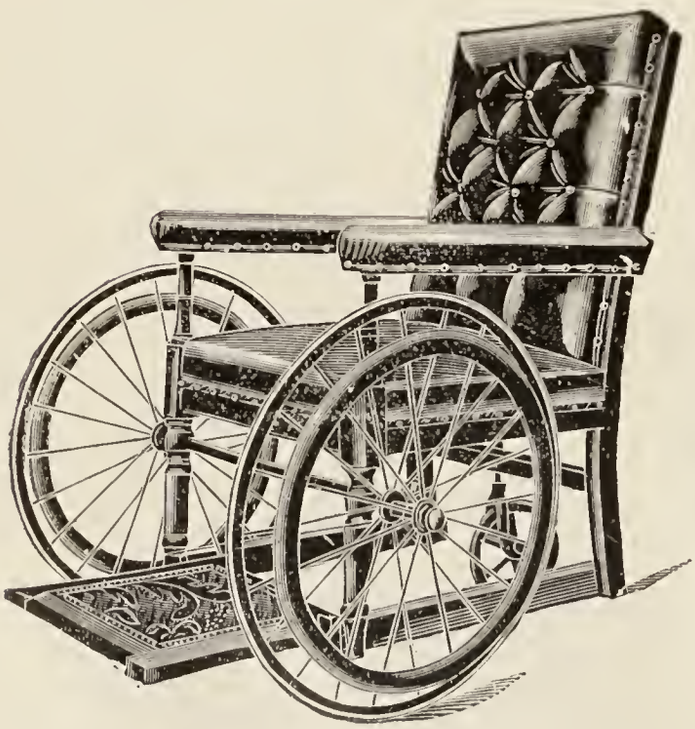
Invalid and Consulting Room Furniture, etc.—Contd.—



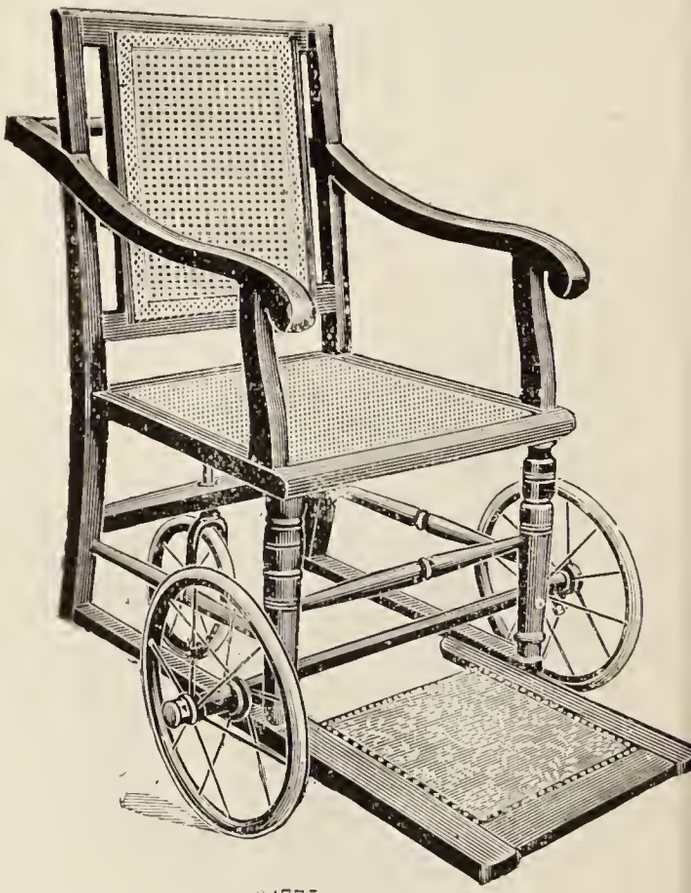
04772

04773

No.	**Merlin or Wheel Chairs—Contd.—**	£	s.	d.
04772	Reclining Chair, with adjustable caned back, detachable arms and leg-rest, and carpeted foot-rest; birch frame, polished walnut colour; iron adjusting racks, 25 in. by $\frac{5}{8}$ in. rubber-tyred wheels and polished hand rims	6	0	0
04773	Combined carrying and self-propelling chair, birchwood, polished walnut colour, with 25 in. by $\frac{5}{8}$ in. rubber-tyred wheels and polished hand-rims	7	10	0



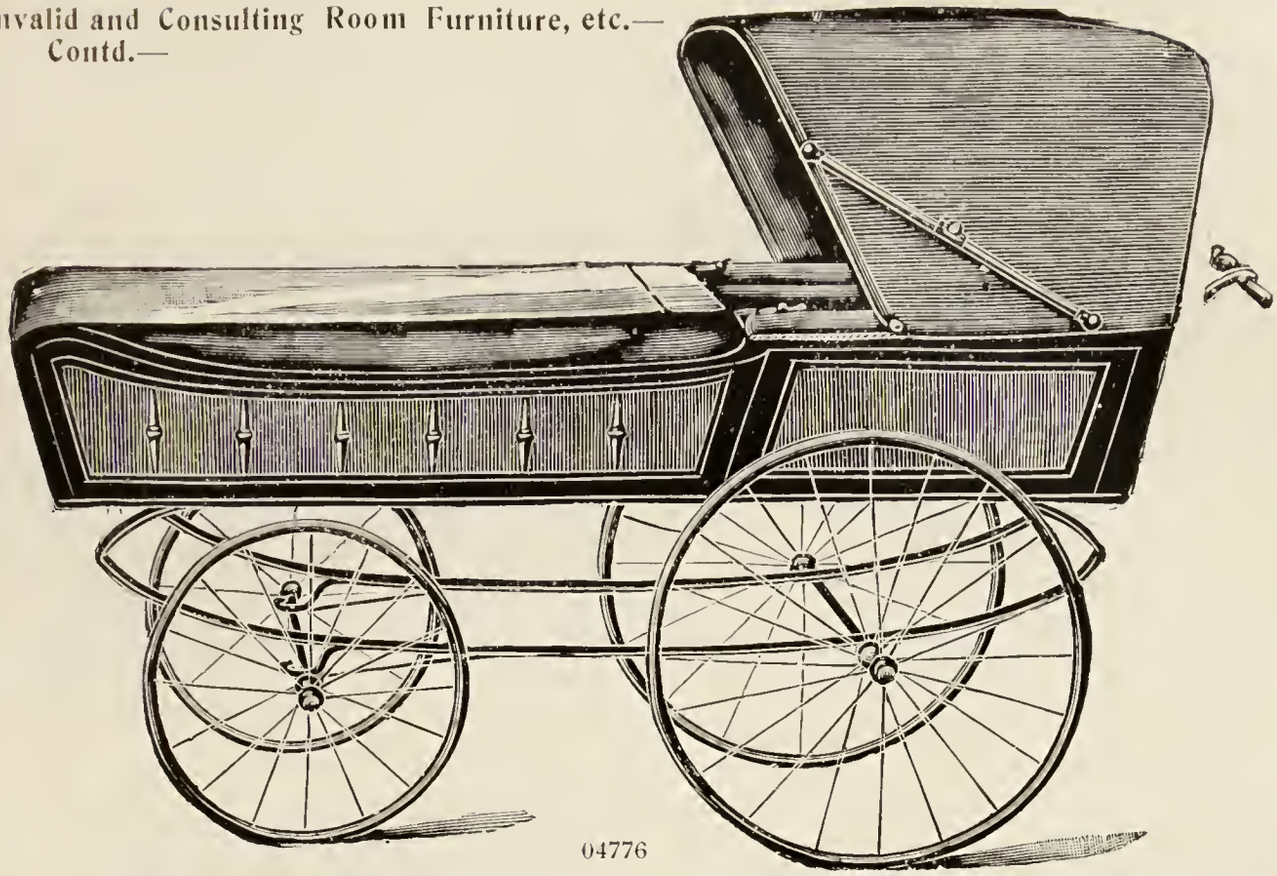
04774



04775

04774	The "Buckingham" Chair, upholstered in dark-green leather cloth and stuffed with hair, fitted with 23 in. rubber-tyred wheels, polished hand-rails and sliding foot-rest	4	15	0
04775	Wheel Chair, with caned back and seat, fitted with 10 in. by $\frac{3}{4}$ in. rubber-tyred wheels, back hand-rail for attendant, and carpeted sliding foot-rest	3	3	0

Invalid and Consulting Room Furniture, etc.—Contd.—



04776

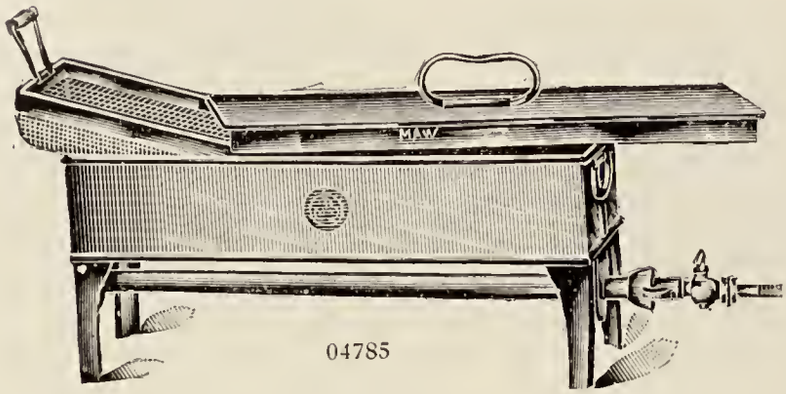
No.	*Spinal Carriages, width from 27 in. to 29 in.— each,	4 ft.	4 ft. 6 in.	5 ft.	5 ft. 6 in.	6 ft.
04776	Wood body, upholstered, wired-on rubber tyres	105/-	122/-	138/-	152/6	170/6
04777	Wicker body with ordinary tyres ..	78/6	90/6	103/6	112/6	124/6
04778	Do. with wired-on tyres ..	86/-	100/-	113/-	123/-	136/6
	Extras—					
04779	Cee Springs, both ends	16/6	17/6	19/-	22/6	27/-
04780	Waterproof Hood, brass jointed	16/-	18/-	21/-	23/-	24/6
04781	Canopy, Holland or Cloth ..	10/-	12/-	13/6	15/-	16/-
04782	Mattress, covered Leather Cloth	12/-	13/6	15/-	16/-	17/-
04783	Waterproof Apron (lined) ..	11/-	13/-	14/6	16/6	18/6
04784	Upholstering wicker body ..	13/6	15/6	18/6	22/6	26/6

04777-8

* Made to order.

STERILISATION APPARATUS.

(For Catheter Sterilisers see pages 243—247.)

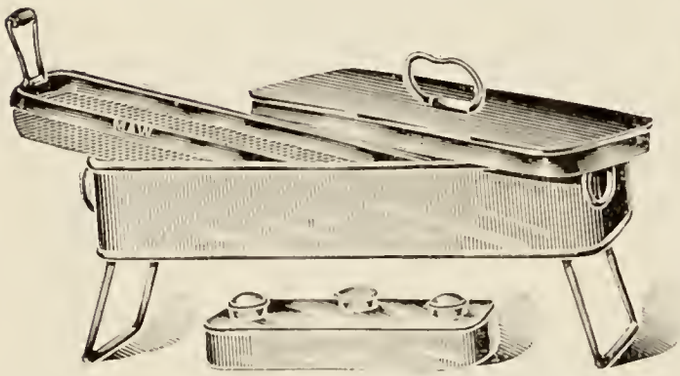


04785

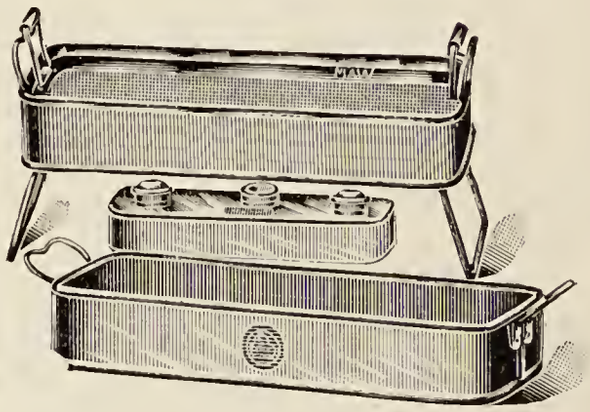
Sterilisers, for Instruments for General Surgery—

No.		£	s.	d.
04785	Nickel-plated, on fixed legs, fitted with long Bunsen burner for gas, 2 sizes, 16 in. by 5 in. by 4 in., **38/-** ; 15 in. by 5 in. by 3 in.	1	16	0

Either of the above can be supplied with a two-burner spirit lamp in place of the Bunsen burner at **3/6** each less.



04786

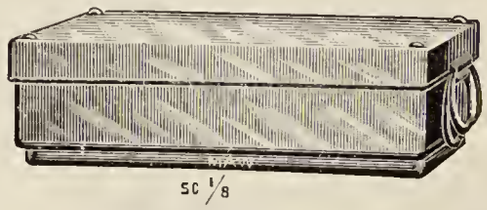


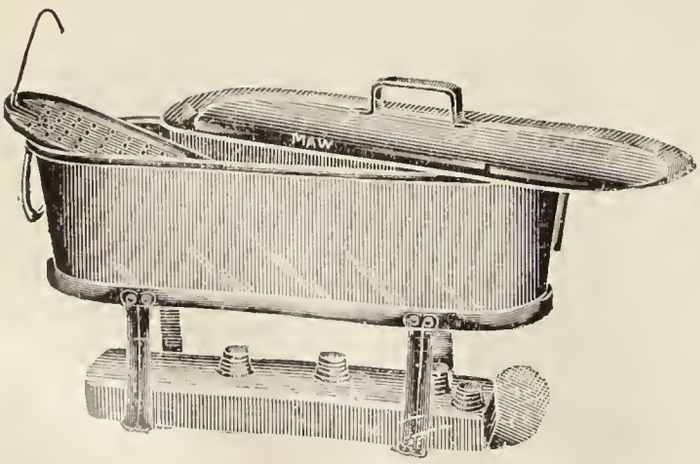
04787-8

04786	Nickel-plated, with drop-in lid, folding legs, and two-burner spirit lamp .. .. 15 in. by 4 in. by $2\frac{3}{4}$ in.	1	12	0

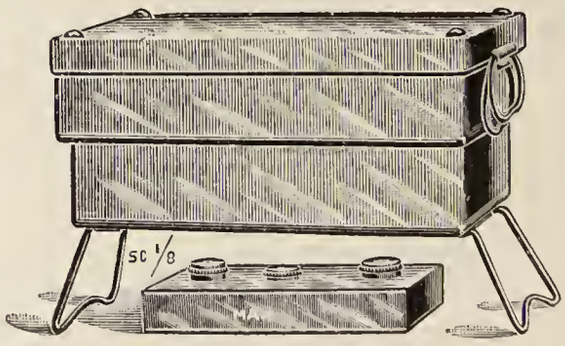
This is a convenient form of steriliser to carry in a midwifery or surgical bag, being lighter and more compact than most of its kind.

04787	Nickel-plated, with folding legs, two-burner spirit lamp, and deep drop-over lid which can be used as a tray for instruments, 2 sizes, 16 in. by 5 in. by $2\frac{1}{2}$ in., **36/-** ; $12\frac{3}{4}$ in. by $4\frac{3}{4}$ in. by 2 in.	1	12	6
04788	Do. do., copper, un-plated .. 16 in., **32/6** ; and $12\frac{3}{4}$ in.	1	9	0





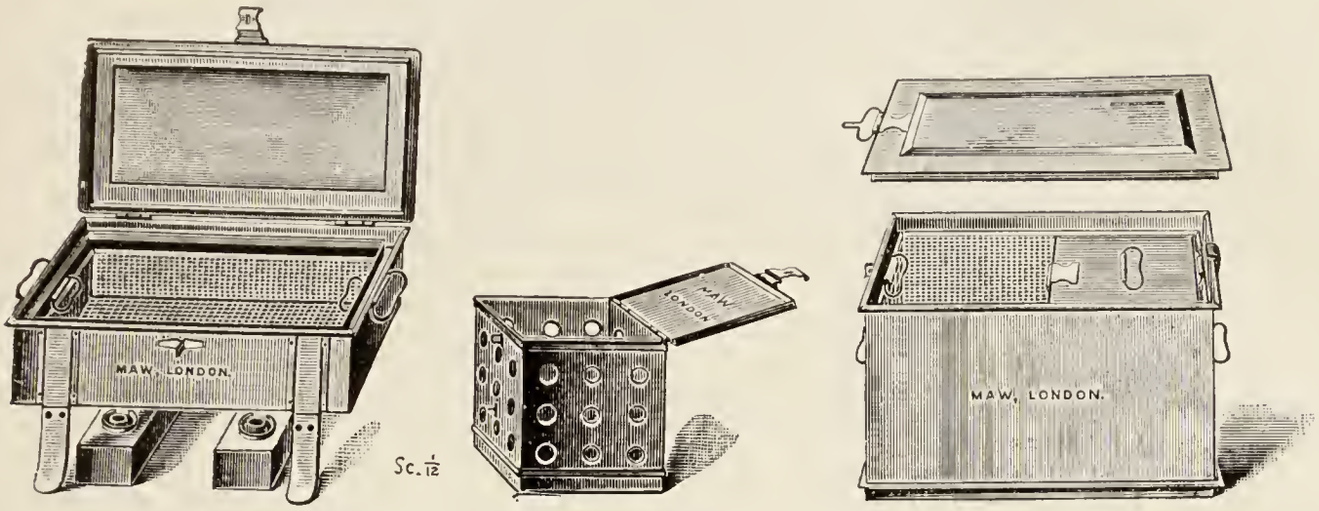
04789



04791

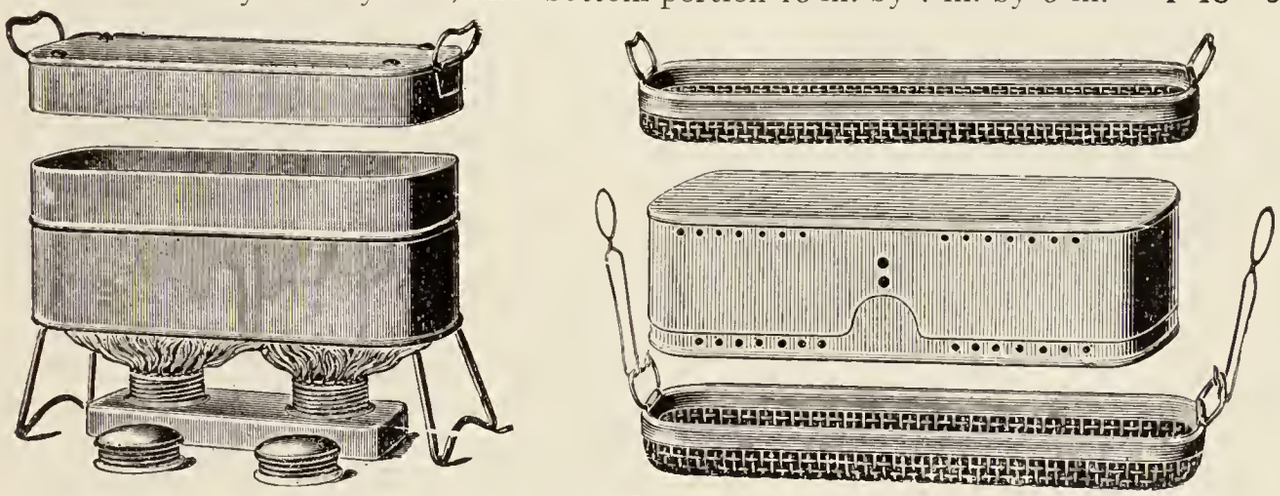
Sterilisation Apparatus—Contd.—

No.	**Sterilisers,** for Instruments for General Surgery—**Contd.**—	£	s.	d.
04789	Enamelled iron, with stand and three-burner lamp, 15½ in. ..	0	15	6
04790	Do. do., Kettle only, 15½ in., **6/6**; 16½ in., **7/6**; 17½ in.	0	8	0
04791	Polished tin, for instruments and dressings, 12¼ by 6 by 6 in. ..	1	0	0



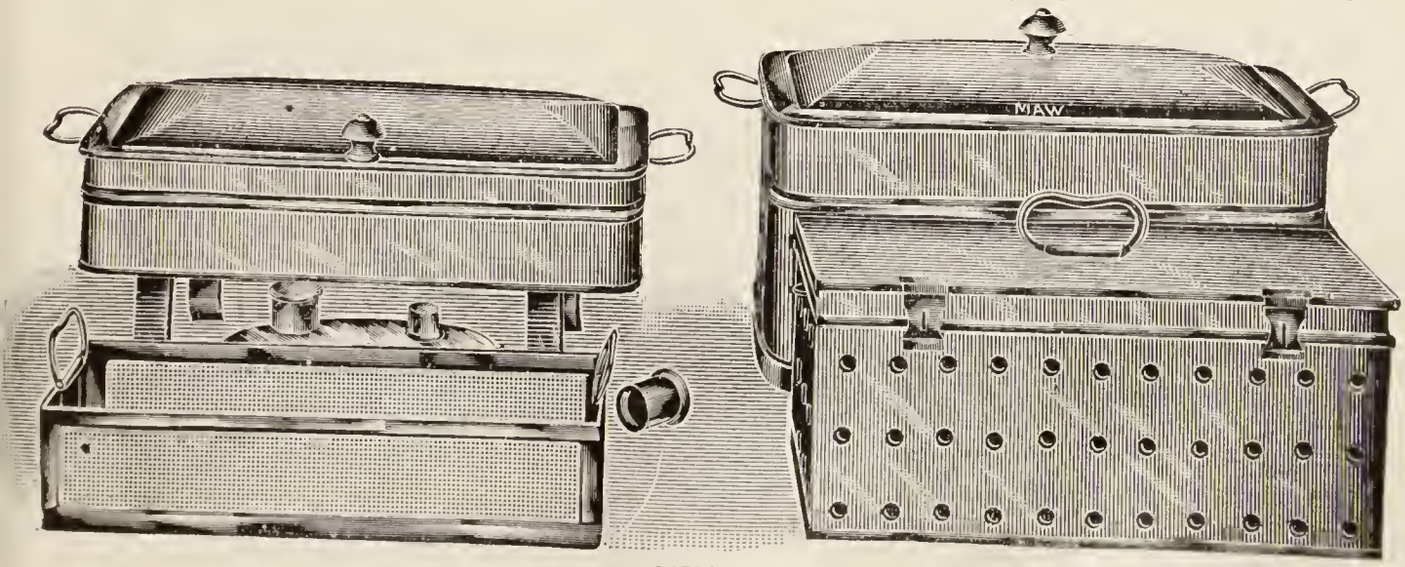
04792

04792	Schimmelbusch's, nickel-plated, for instruments and dressings, with wire trays, 2 perforated boxes and 2 lamps; top portion 15 in. by 8 in. by 8 in.; bottom portion 15 in. by 8 in. by 4 in.	6	3	0
04793	Perforated Towel Box, 13 by 6 by 5 in., for use with the same	1	8	0
04794	Schimmelbusch's, as No. 04792, but smaller; top portion 13 in. by 7 in. by 7 in., and bottom portion 13 in. by 7 in. by 3 in.	4	18	6



04795

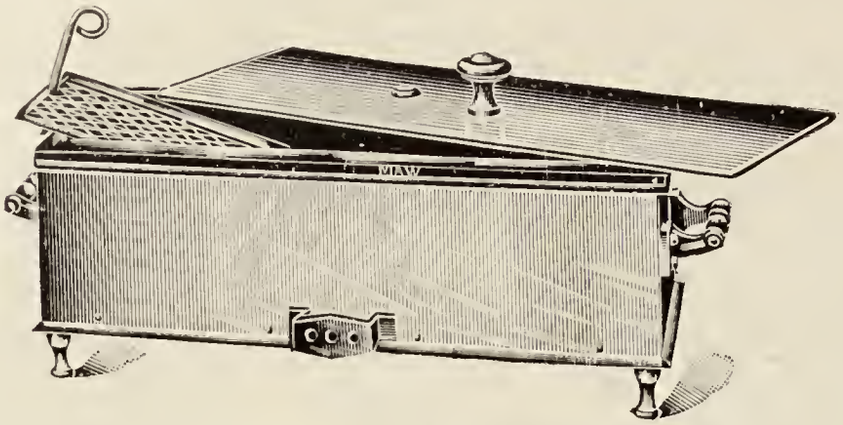
04795	Nickel-plated, with tray for instruments, perforated box for bandages, etc., stand and lamp, 10 in. by 4 in. by 3¾ in. ..	1	7	6



04796

04796	Navy pattern, copper, for instruments and dressings	6	15	0
04797	Do. do., for instruments only 15½ by 6½ by 4 in...	2	14	0

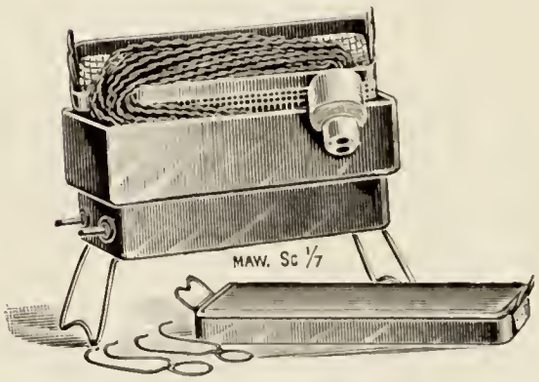
Sterilisation Apparatus—Contd.—



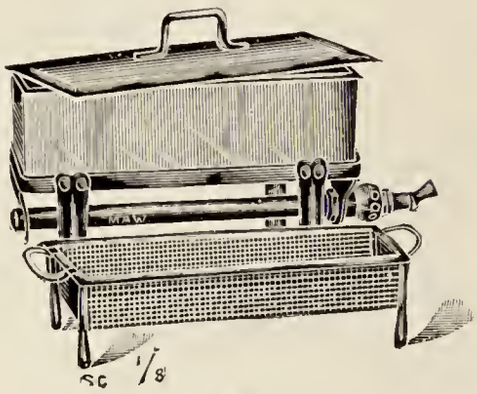
04798

No.	**Sterilisers,** for Instruments for General Surgery—**Contd.**—	£ s. d.
04798	Nickel-plated, to heat by electric current, fitted with patent fuse to prevent burning, and plug for regulating the amount of current, 2 sizes, 16 in. by 7½ in. by 7 in., **135/6** ; 14 in. by 7½ in. by 7 in.	6 6 0

When ordering the above Sterilisers, the voltage of the current on which it is to be used, must be specified.



04799-803



04804

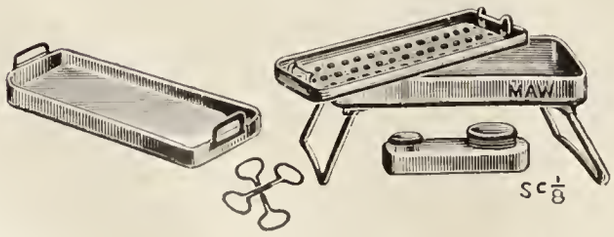
Nickel-plated, to heat by electric current, stamped up in one piece without seams and fitted with nickel-plated wire tray and with electric heating arrangement in a separate bottom compartment readily detachable if desired ; folding hinged feet ; lid reversible to form cooling tray ; 2 lifting hooks, flexible cord and connections.

For voltages up to 220—

04799	No. 1 7¼ in. × 3¼ in. × 1¾ in...	2 15 0
04800	No. 2 9¼ in. × 3 in. × 2½ in.	3 7 6
04801	No. 3 12¼ in. × 6 in. × 3 in.	4 10 0
04802	No. 4 17 in. × 7 in. × 3½ in...	6 2 6
04803	No. 5 17 in. × 6 in. × 3½ in...	6 0 0

An extra charge of 15 *per cent. is made on the above prices if the steriliser is required for a higher voltage than* 220.

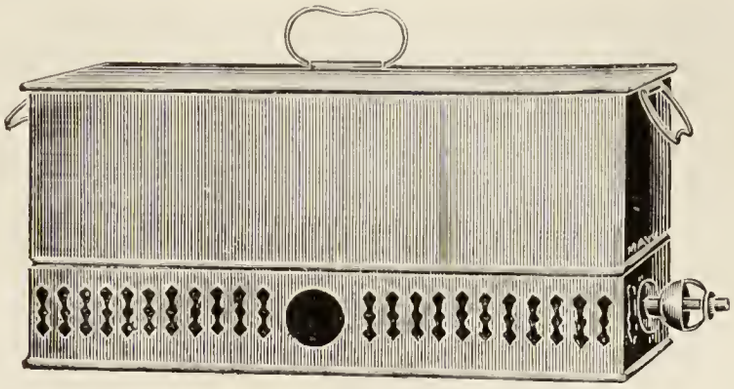
04804	Enamelled iron, on stand, with wire tray and Bunsen burner, for gas, 9½ in. by 4¼ in. by 2¼ in.	0 15 6



04805

04805	Nickel-plated, seamless, with drop-over lid, perforated tray and spirit lamp ; size, 7 in. by 3 in. by 1½ in.	0 10 6

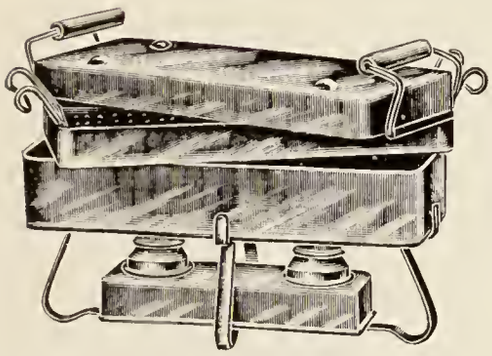
Sterilisation Apparatus—**Contd.**—



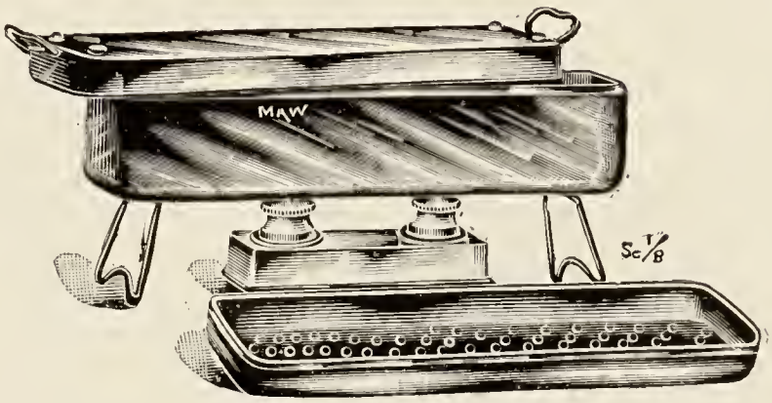
04806-7

Sterilisers, for Instruments for General Surgery—**Contd.**—

No.		£	s.	d.
04806	Copper, polished, with bunsen gas burner, wind screen and perforated tray for instruments 16 in. by 6 in. by 4 in.	2	2	0
04807	Nickel-plated do. do.	2	7	6



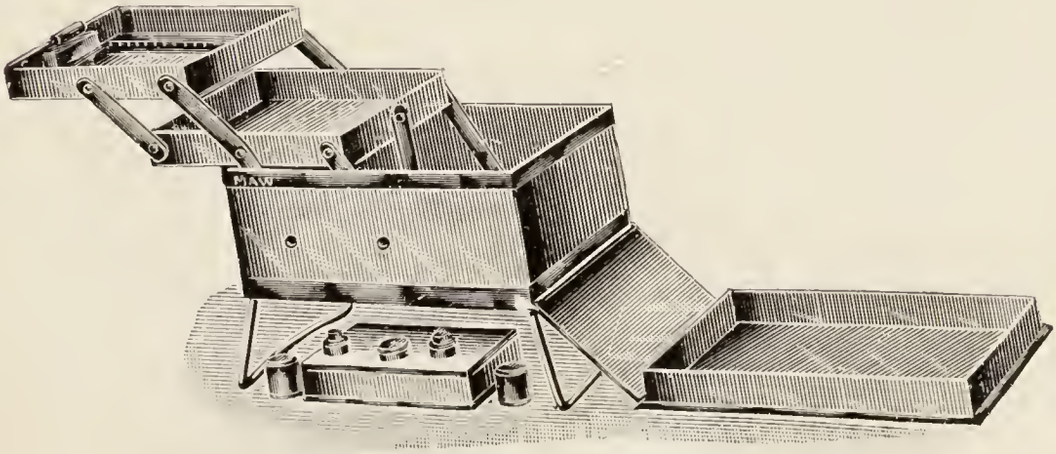
04808-10



04811

Nickel-plated, stamped out from one piece of metal without seams, complete with lamp, tray and hooks—

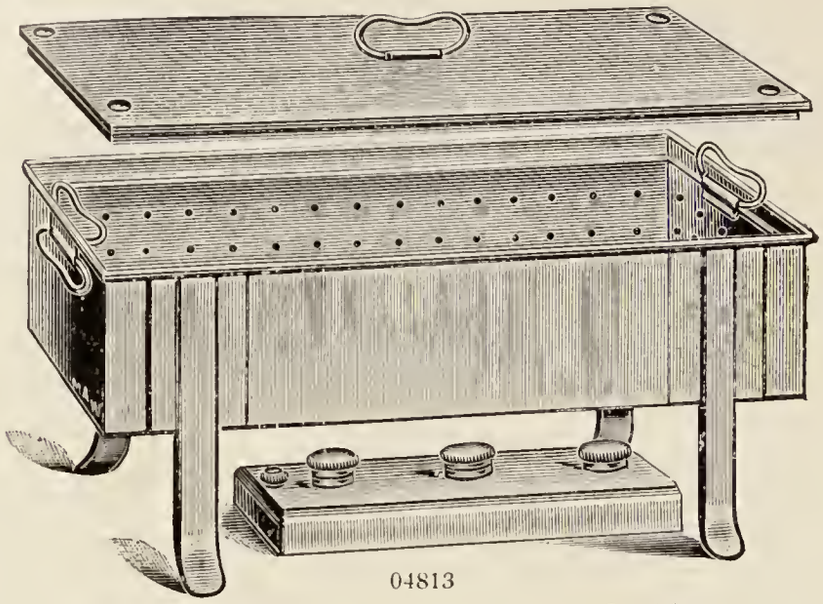
04808	$9\frac{3}{4} \times 3\frac{7}{8} \times 2\frac{1}{4}$ in.	0	17	0
04809	$12 \times 5\frac{1}{2} \times 2\frac{1}{2}$ in.	1	0	6
04810	$13\frac{1}{4} \times 4\frac{1}{2} \times 3\frac{1}{2}$ in.	1	4	0
04811	Nickel-plated, for Midwifery Forceps, stamped out from one piece of metal without seams, with folding stand, lamp, tray and hooks, $16 \times 4 \times 3$ in.	1	6	0



04812

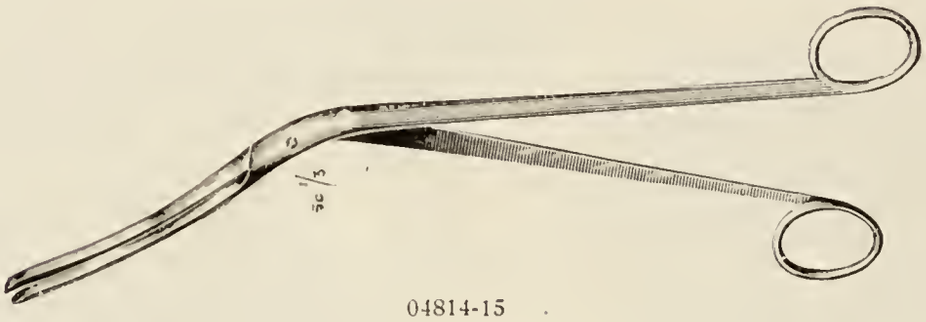
04812	Beaumont's, $9\frac{1}{2} \times 6 \times 4$ in., for eye instruments, nickel-plated, with 2 hinged trays, which can be raised without detaching from the steriliser	2	15	0

Sterilisation Apparatus—Contd.—



04813

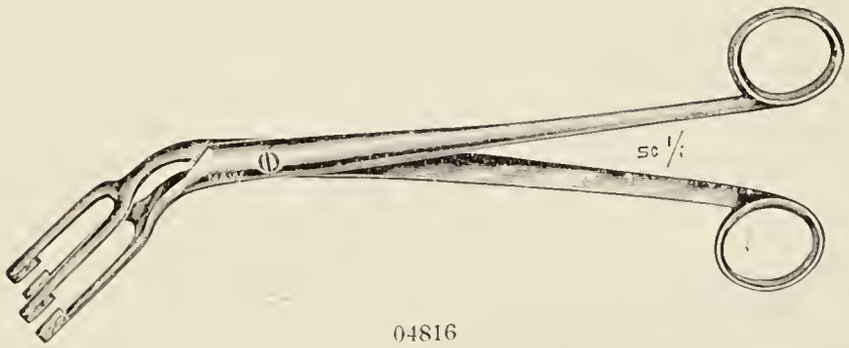
No.		£	s.	d.
	Sterilisers, for Instruments for General Surgery—**Contd.**—			
04813	Copper, with detachable legs, perforated tray and 2-burner lamp, 16 in. by 4 in. by 3½ in...	**1**	**11**	**6**



04814-15

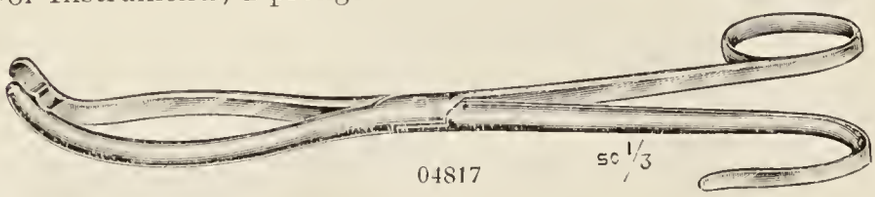
Steriliser Forceps—

04814	For Instruments, with blades specially constructed to remove either large or very small instruments from the steriliser ..	**0**	**8**	**6**
04815	Do. do. do. "B" quality	**0**	**5**	**0**



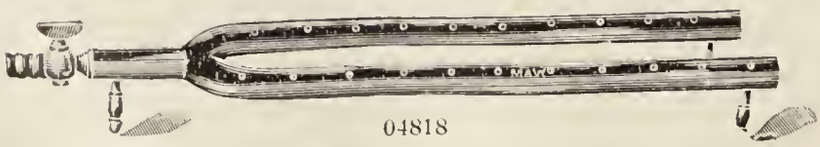
04816

04816	For Instruments, 2 pronged	**0**	**15**	**0**



04817

04817	For Bowls, etc.	**0**	**9**	**6**

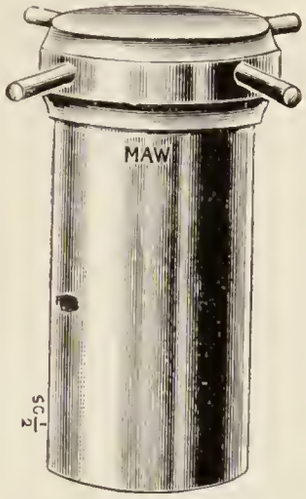


04818

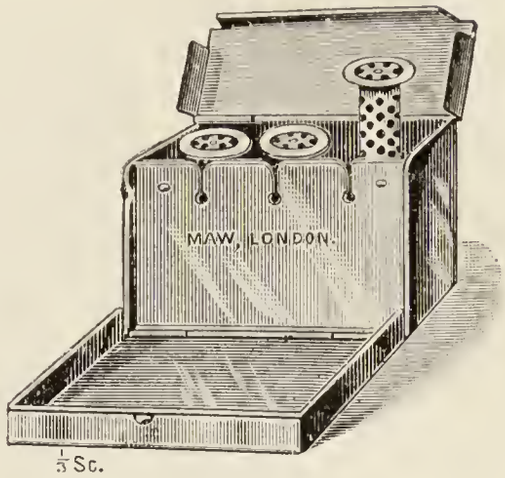
Steriliser Bunsen Lamps, for Gas—

04818	Nickel-plated .. .. Double, **12/-** ; Single	**0**	**7**	**6**

Sterilisation Apparatus—Contd.—



04819



04821

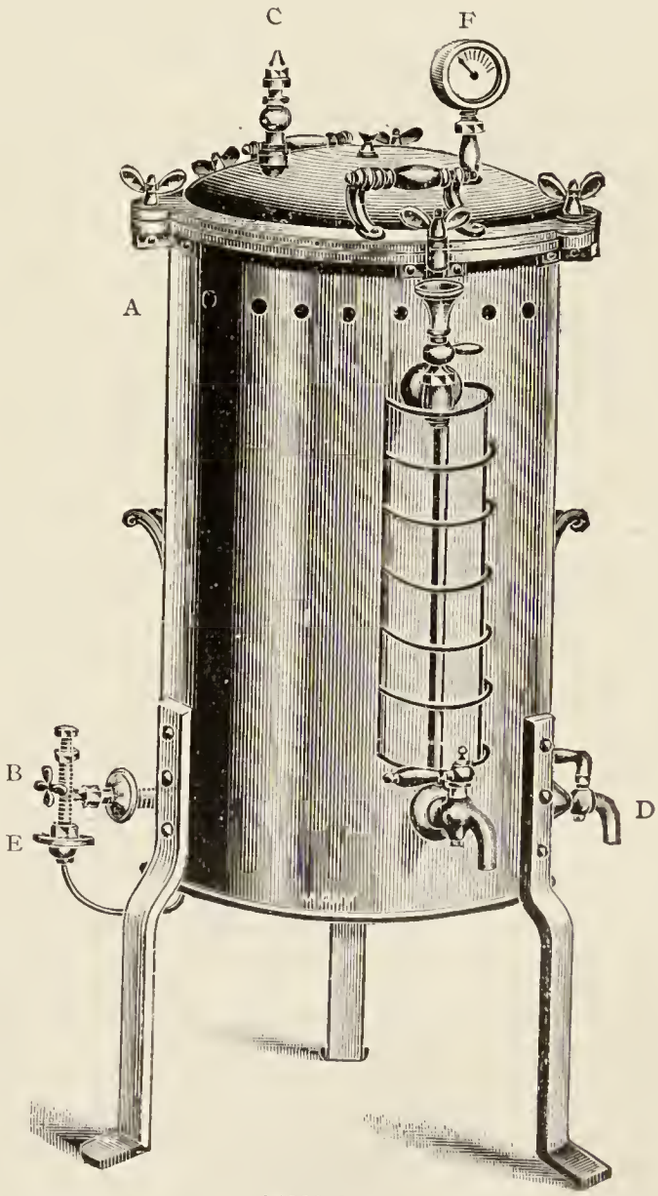
No.	**Sterilisers for Ligatures, etc.**—	£	s.	d.
04819	For Catgut, Mayo Robson's, nickel-plated..	0	10	6
04820	Do. Jellett's, 2½ in. diameter	0	13	0
04821	For Silk, nickel plated, with perforated reels of pure tin ..	0	6	0

Maw's Improved High-Pressure Steam Steriliser, for Dressings (Reg. No. 585,039).

The two great objections to the ordinary form of High-Pressure Steriliser have hitherto been the long time taken in getting up the necessary pressure—usually about forty-five minutes—and the superfluous steam which is blown off from the safety valve after the pressure has been reached. In Maw's Improved High-Pressure Steriliser (Reg. No. 585039) both these objections are overcome. By means of a specially constructed bottom plate, the full pressure of 5 lbs. can be obtained in seventeen minutes, and by a device fitted to the supply pipe, the gas flame is automatically cut down to a mere spark as soon as the necessary pressure has been obtained, only to rise up again as soon as the pressure begins to fall. By this means no superfluous steam is generated.

Directions for Use:—

Fill the Steriliser with warm water at the funnel, until it rises fully half-way up the gauge glass, and light the gas. When the pressure gauge F registers 5 lbs. per sq. in. the side tap D should be opened for a few seconds, so as to draw out any moisture from the interior. The tap D should then be closed and the kettle containing the dressings placed in the Steriliser. Sterilisation should be continued for 20-30 minutes. Then gas should be turned out, and the side tap D opened to draw off steam. The tap should then be closed and the kettle allowed to remain in the Steriliser for about 10-15 minutes.



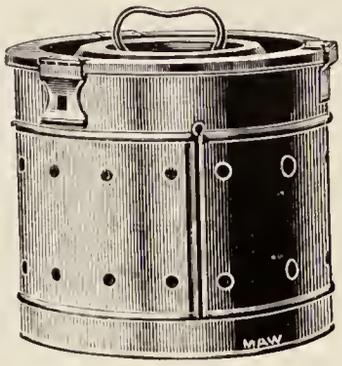
04822-23

Steriliser for Dressings, Towels, etc., Maw's Improved, constructed of enamelled iron with copper interior and brass fittings and furnished with one deep nickel - plated copper drum—

04822	Internal dimensions, 19 in. by 10 in.	12	18	6
04823	Do. do. 19 in. by 12 in.	18	7	6

The new automatic control can be adapted for use with a strong petroleum burner at an additional cost of **45/-**, *including the Lamp.*

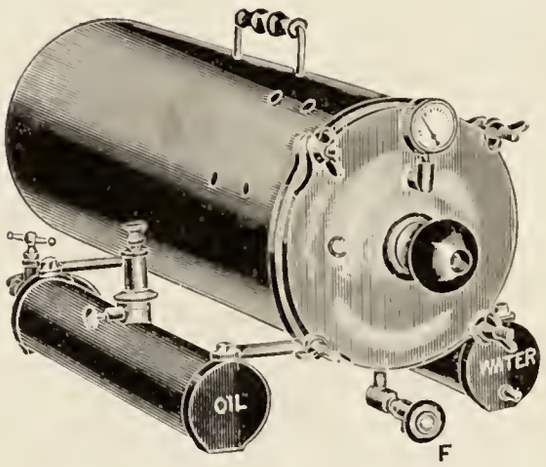
Sterilisation Apparatus—Contd.—

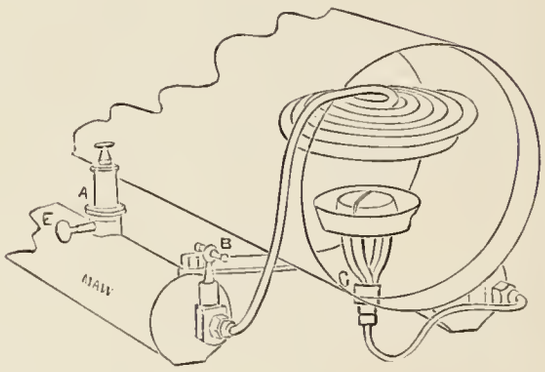


04825

No.		£	s.	d.
	Kettles, nickel-plated, copper, for use with Sterilisers Nos. 04822-23			
04824	Shallow series, of such a depth that each steriliser will hold 4 10 in., **15/-** ; 12 in.	**0**	**19**	**6**
04825	Deep series, of such a depth that each steriliser will hold 2 10 in., **18/6** ; 12 in.	**1**	**2**	**6**

In the above Kettles the sliding blind is removable for cleaning.





Plan of heating apparatus.

04826

04826 **Steriliser for Dressings, Towels, etc.,** Maw's "Portable" (patent), complete with oil and water tanks, pressure gauge and brass fittings **7 10 0**

Internal dimensions of cylinder, 11 in. × $5\frac{3}{4}$ in.
Weight, 26 lbs.

Can be fitted with bunsen burner for gas at the same price.

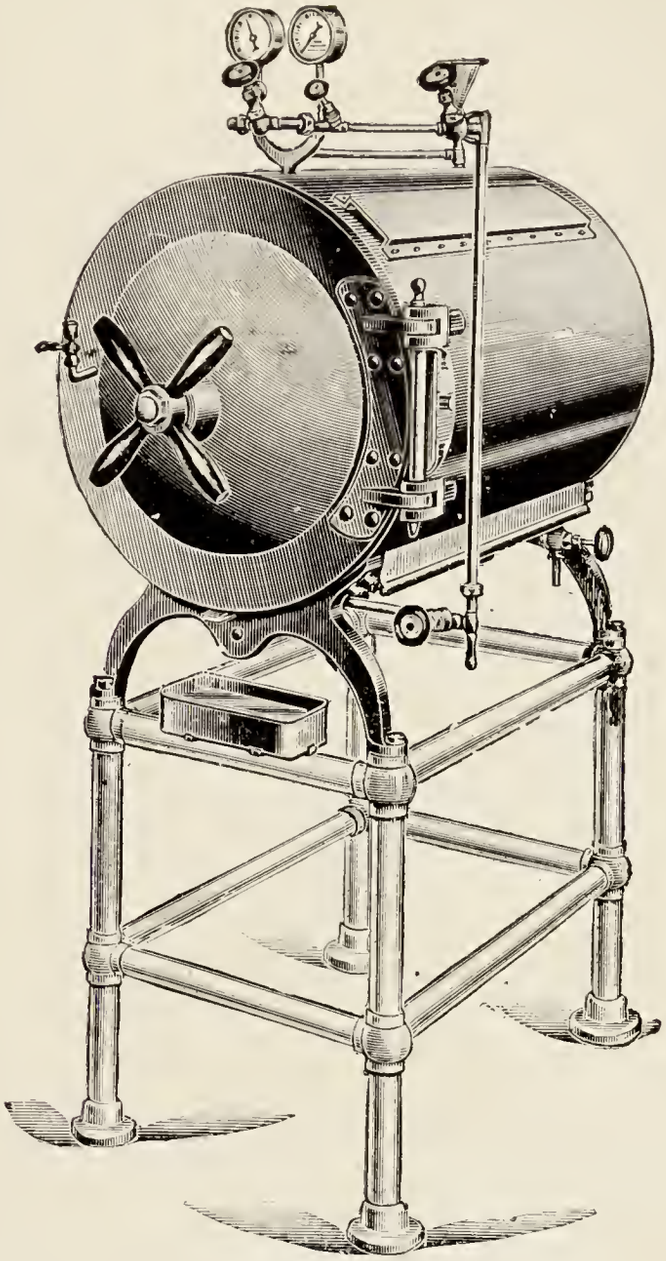
This steriliser has been designed with a view to enable the operator to sterilise his dressings, etc., on the spot, immediately before the operation. Weighing only 26 lbs., it can readily be carried from place to place. The tanks hold sufficient oil and water for 6 or 8 sterilisations, and as all joints and connections are absolutely tight there is no possibility of any leakage or mess. The steam is produced by means of a superheated coil of steel piping, through which water is forced under pressure. Even if the water tank runs dry no harm will result—there is no bottom to burn out as in an ordinary steriliser. The body of the apparatus is constructed of enamelled iron, and the interior cylinder of copper.

Directions for use are sent out with each apparatus. Practical demonstration given in London district free of charge.

Perforated kettles can be supplied if required at an additional cost of **16/6** each.

For other Sterilisers see "Addenda."

Sterilisation Apparatus—Contd.—



04827-29

No	Steriliser for Dressings, Towels, Overalls, etc.—	£	s.	d.
	High-Pressure Steam Steriliser, horizontal model, with steel outer jacket lined with asbestos, copper inner jacket and gun-metal door and fittings, water gauge, air filter, pressure gauge and vacuum gauge and mounted on aluminium-painted tubular iron stand—			
04827	Internal diameter, 24 in. × 12 in.	**42**	**0**	**0**
04828	Do. do. 27 in. × 14 in.	**57**	**10**	**0**
04829	Do. do. 30-in. × 16 in.	**75**	**0**	**0**

If outer jacket and fittings are required to be nickel-plated there will be an extra charge of **£2 10 0, £3 0 0** and **£3 10 0**, for each size respectively.

This form of steriliser is so adjusted that a pressure of 15 lbs. per square inch is obtainable on a temperature of 250° Fah. It can be made either for heating by gas (the burner being included in the price) or with connections to connect up to the steam supply of a hospital.

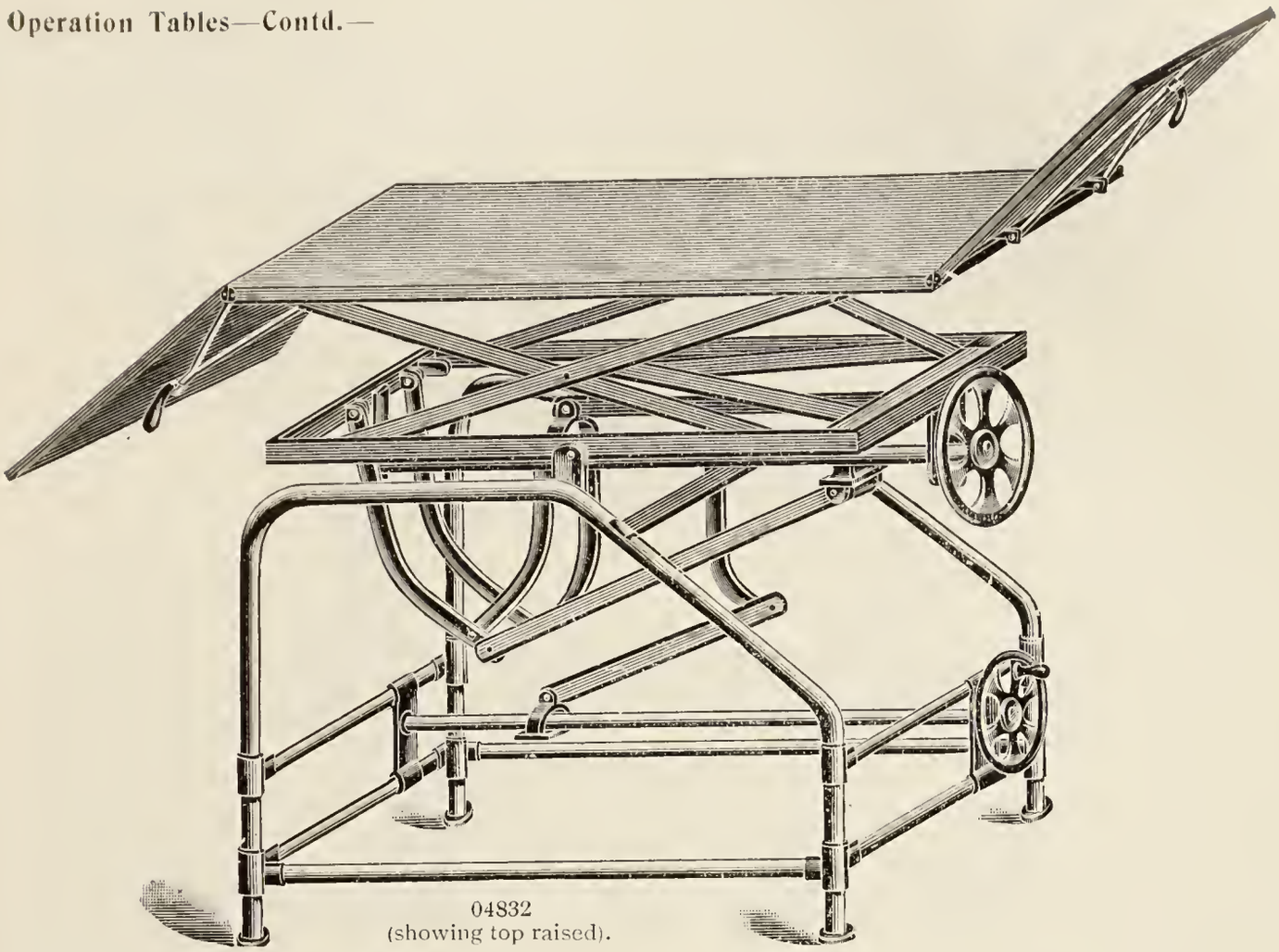
Estimates given for larger sizes if required.

OPERATION TABLES.

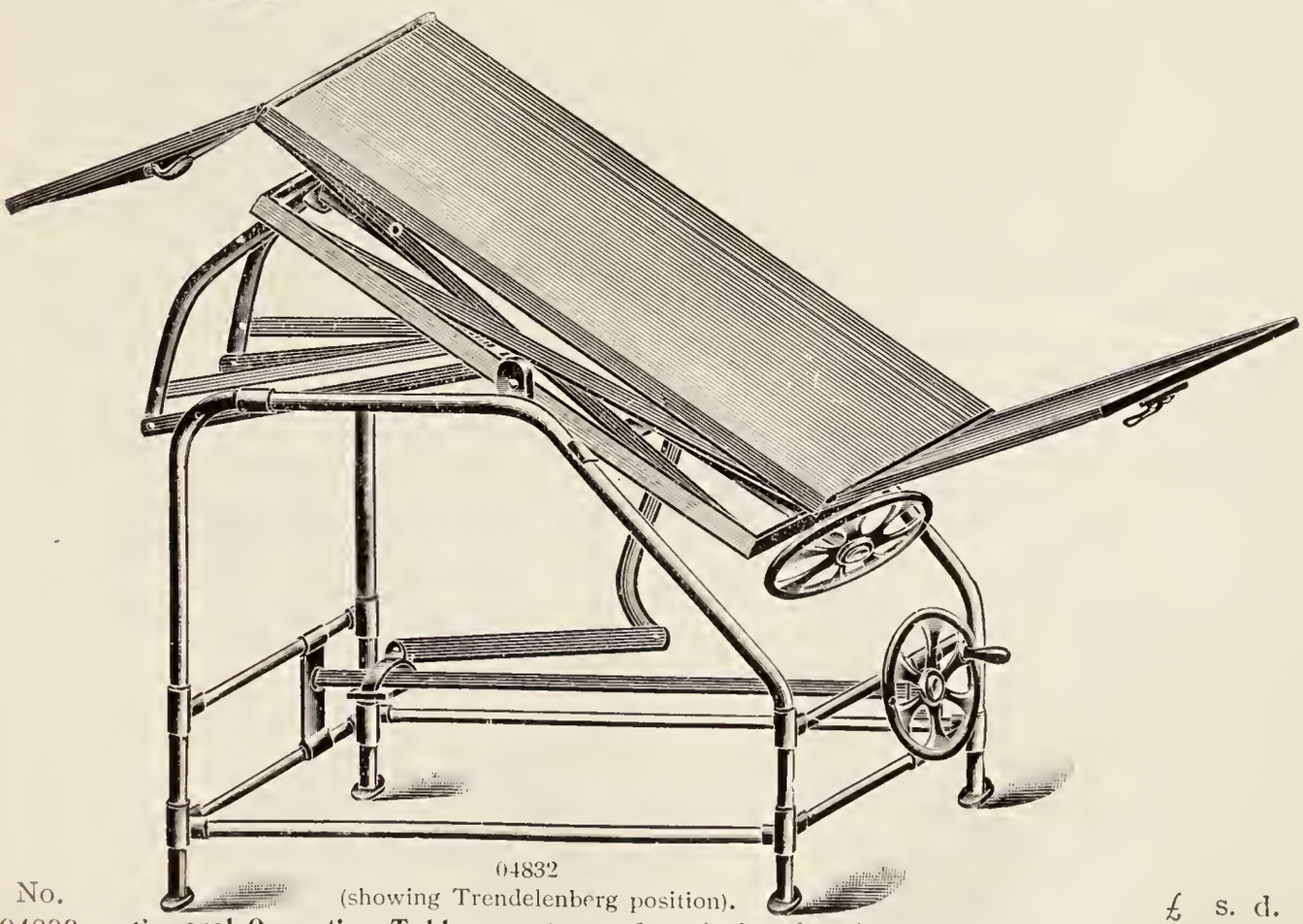
04830

No.	General Operation Table and Chair combined—	£	s.	d.
04830	This is one of the most simple and convenient forms of table that has ever been brought to the notice of the surgical profession. It consists of a tubular steel frame with steel top, enamelled white throughout. By means of ratchets which are automatically locked by counter balance weights, the patient can be placed in every possible position with the greatest ease and comfort. The foot flap is readily detachable so as to give the surgeon a closer and more comfortable position when operating on gynæcological or lithotomy cases. The head flap can be adjusted to various angles. The total height of the table is 34 ins.; the frame is 22 ins. wide, and the length of the top when extended 67 ins.	15	0	0
04831	Shoulder Rests, with sockets, extra .. .. per pair	1	10	0

Operation Tables—Contd.—



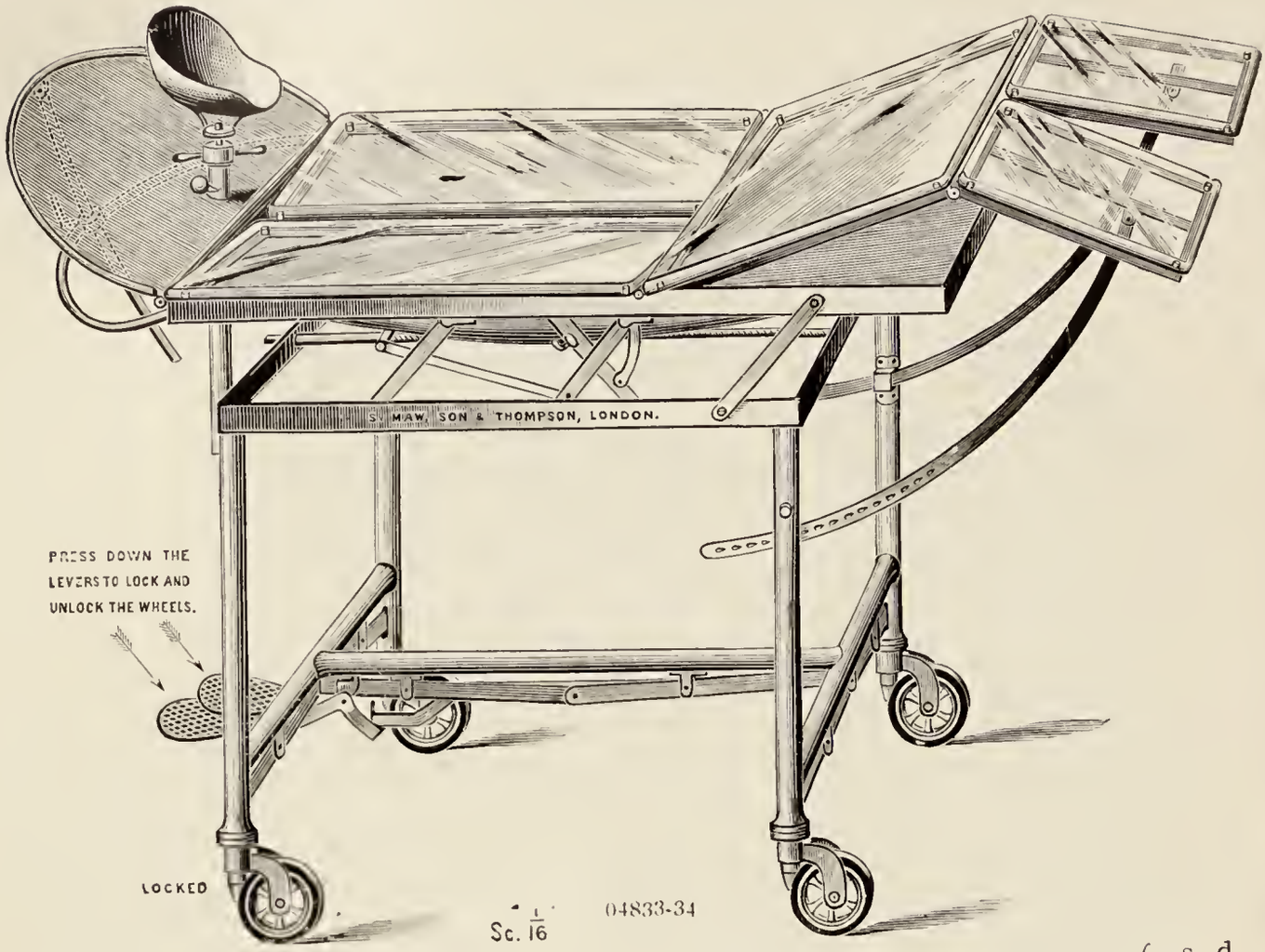
04832
(showing top raised).



04832
(showing Trendelenberg position).

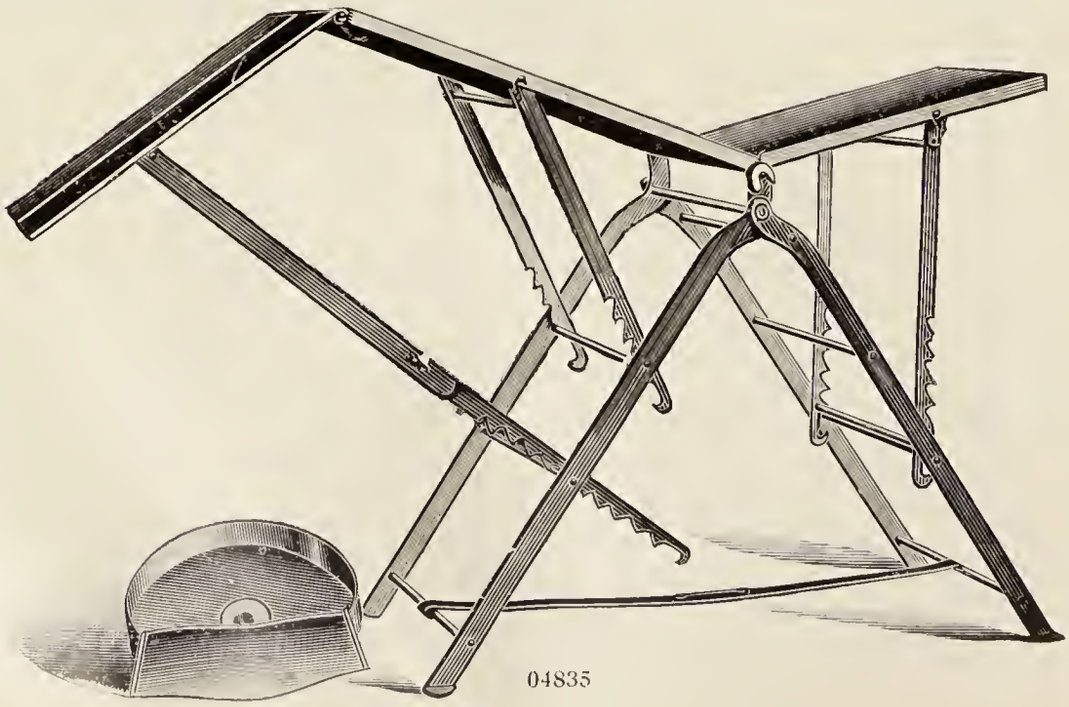
No.		£	s.	d.
04832	**General Operation Table,** constructed entirely of white enamelled iron, with nickel-plated fittings. The top of the table is capable of being adjusted to any angle by means of the uppermost of the two wheels shown in the illustrations, and the height can be regulated from 28 in. to 36 in. by the lower wheel..	**41**	**0**	**0**

Operation Tables—Contd.—



Sc. $\frac{1}{16}$ 04833-34

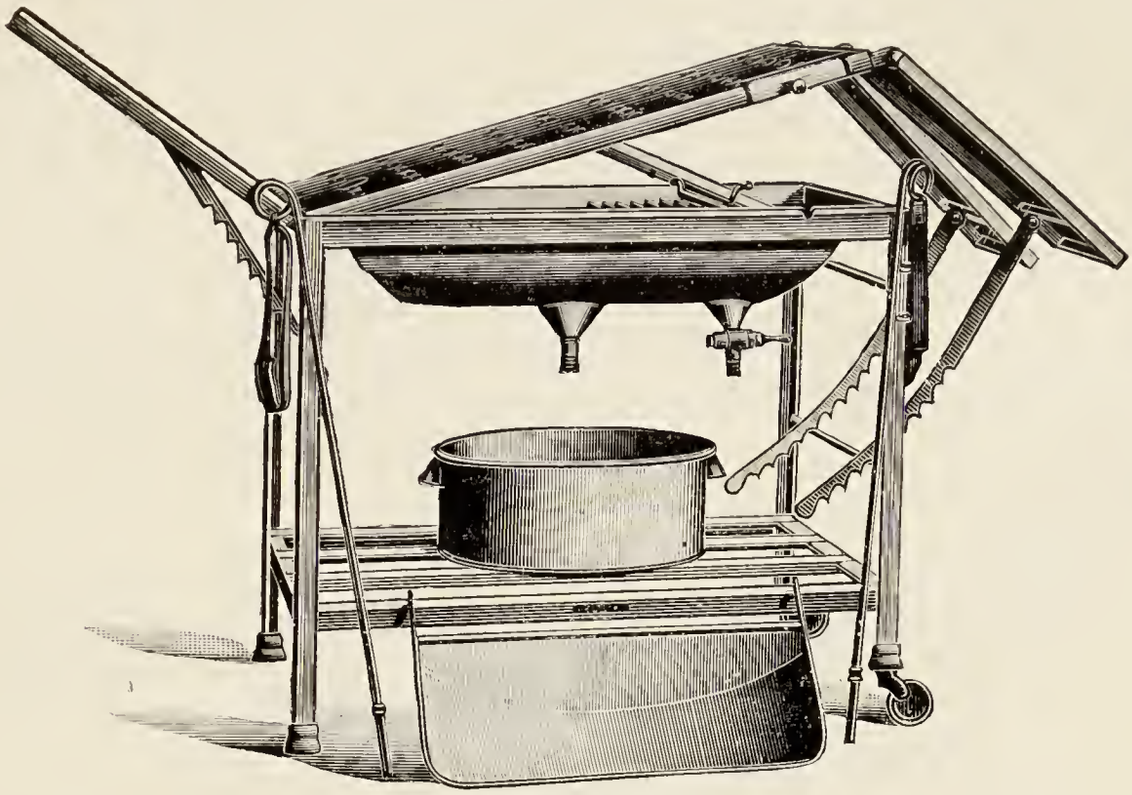
No.		£	s.	d.
04833	**General Operation Table,** constructed entirely of white enamelled steel and plate glass. The glass slabs which form the top of the table are made to overlap the frames so that there are no angles or corners in which dust may collect, and they are fixed in position by studs projecting from the surface of the frames. By means of a screw movement the height of the table can be altered at will, and by another movement the lower end of the table may be placed in any degree of elevation. It is provided with Victor Horsley's head rest, and an arrangement of levers by means of which the wheels may be locked or unlocked as desired	48	15	0
04834	Do. do. do. with non-chip vitreous enamelled frame	60	0	0



04835

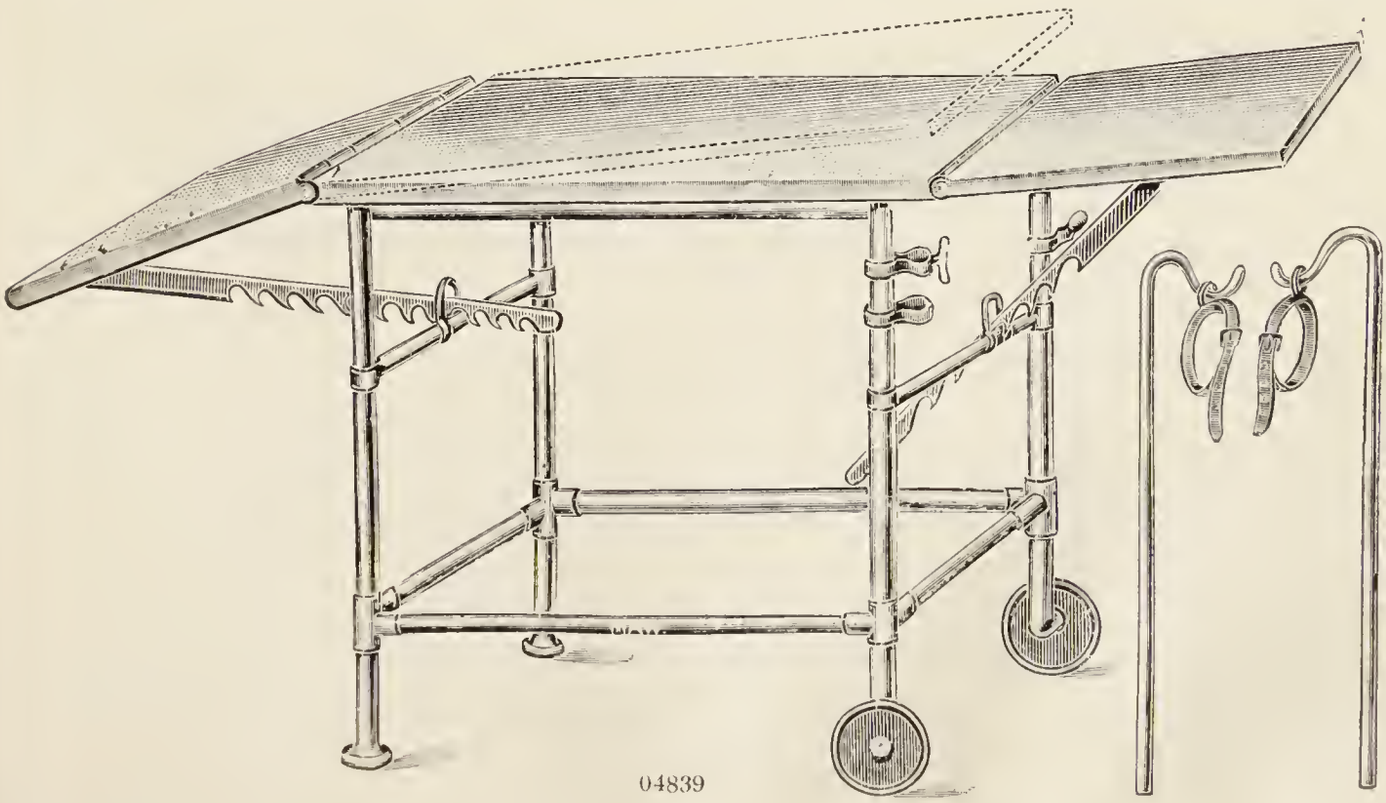
Operation Tables—Contd.—

No.		£	s.	d.
04835	**General Operation Table** (as used by Bland-Sutton), suitable for a Nursing Home. This table is constructed of white enamelled iron throughout, and is so constructed that it can be folded into a comparatively small space when not in use, and is light enough to be carried from room to room by two nurses	**7**	**7**	**0**
	If with nickel-plated ratchets and bars, **30/-** *extra.*			
04836	Douche Receiver, for fixing to foot of table (as illustrated) extra	**1**	**2**	**6**



04837

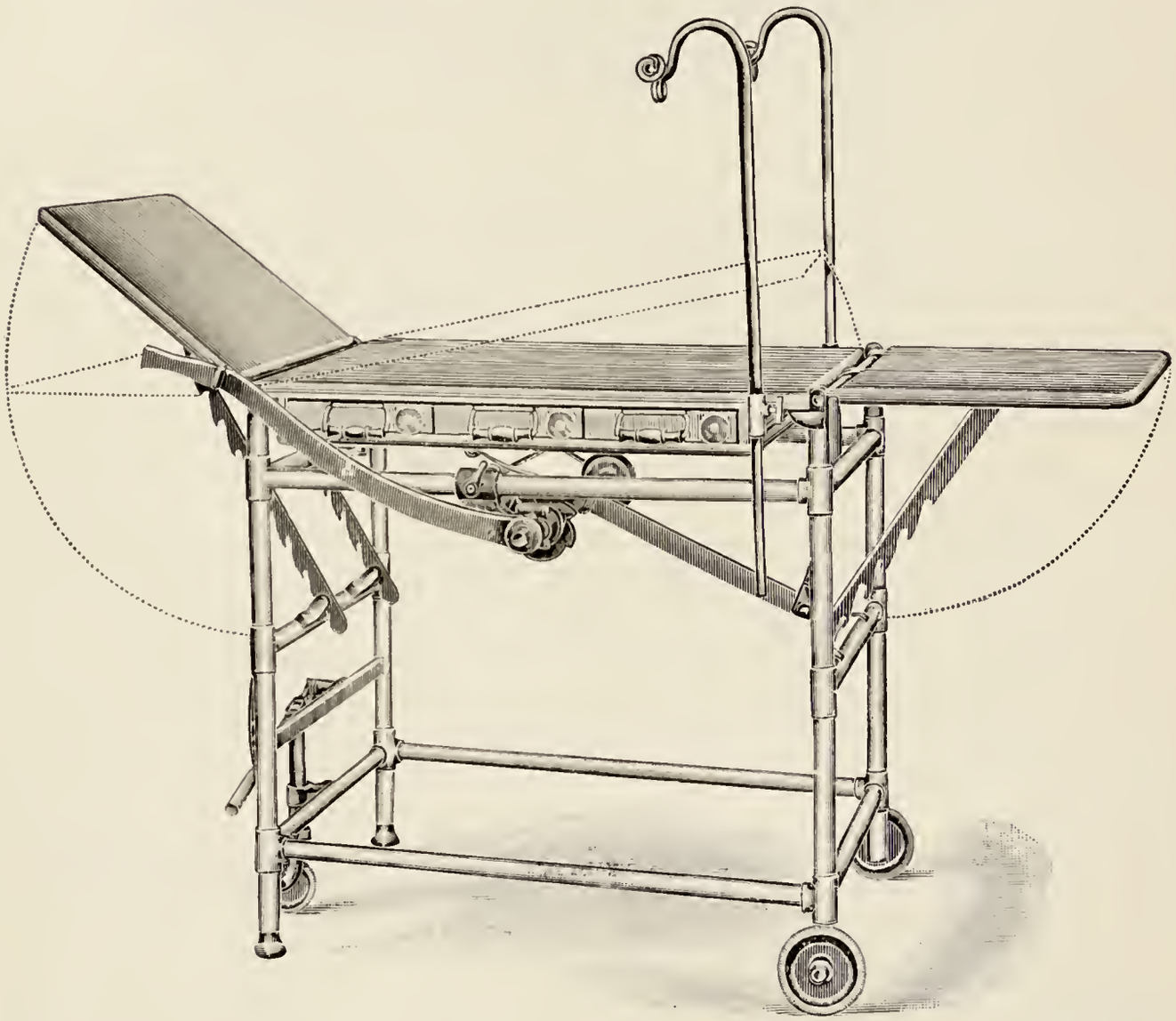
04837	**Table,** constructed of white enamelled iron with zinc hot water tank and polished zinc top, the latter being removable, so that the under part can be more easily cleaned. This table, although it can be obtained at a moderate price, has all the advantages of the more expensive models. It is exceedingly rigid, can be easily manipulated, and is of handsome appearance. Lithotomy staffs, straps and douche receiver, as illustrated, are included in the price of the table	**20**	**15**	**0**
04838	Do. do. do. with nickel-plated working parts..	**23**	**0**	**0**



04839

Operation Tables—Contd.—

		£	s.	d.
No.	**Table,** constructed of welded steel tubing, with strong zinc top, which can be raised at one end to give the Trendelenberg position; fitted with adjustable head and leg rests, with nickel-plated racks, nickel-plated lithotomy staffs, with leather straps, and 4 in. rubber-tyred wheels on front legs only—			
04839	Ordinary white enamelled	**14**	**12**	**6**
04840	Non-chip vitreous enamelled	**21**	**15**	**0**
04841	**Table,** as No. 04839, but with fixed zinc top, and 4 stump feet ..	**11**	**12**	**6**



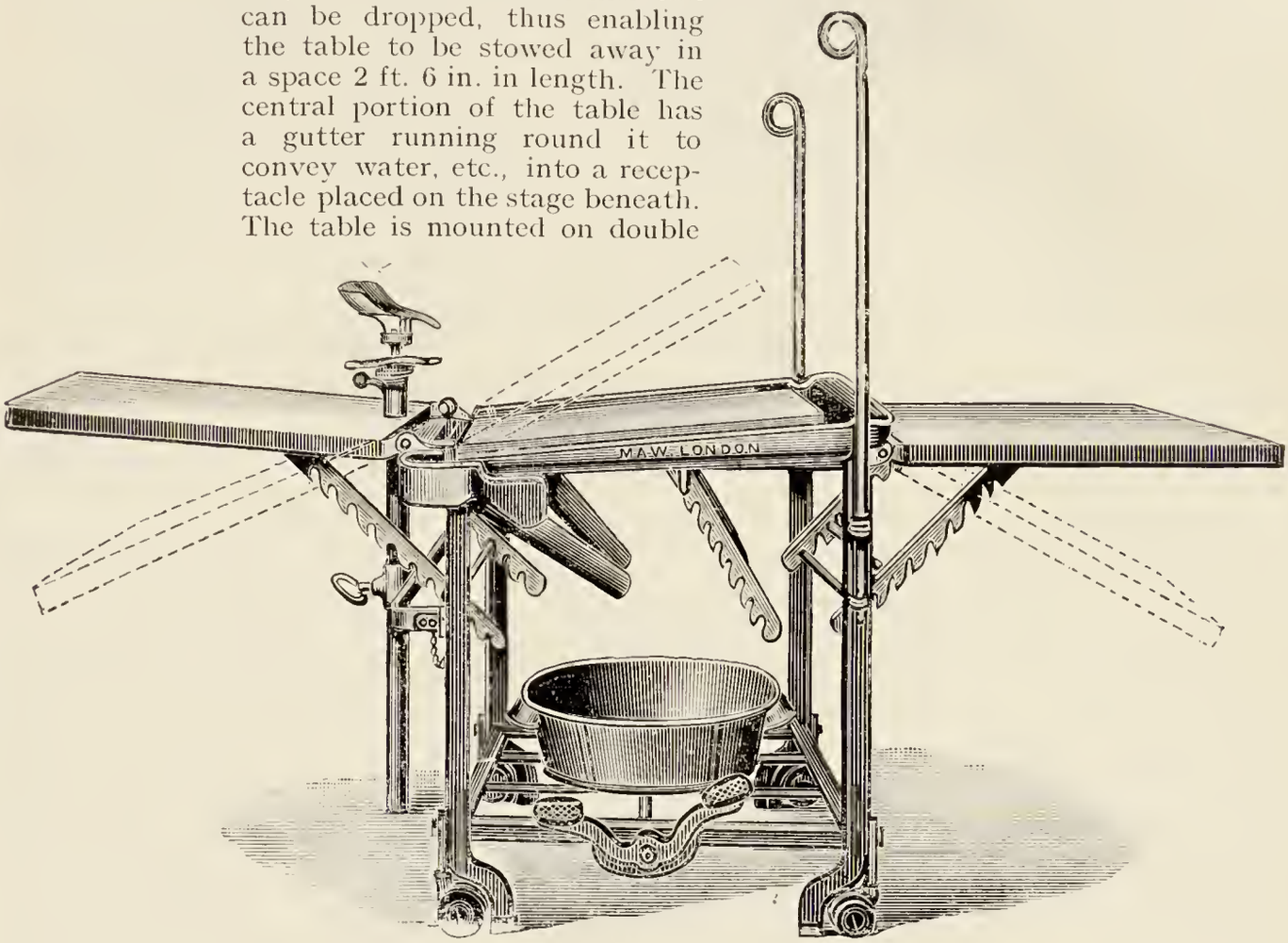
04842-43

04842 **General Operation Table,** constructed of white enamelled steel, with polished zinc top and gun-metal or nickel-plated working parts. The Trendelenberg position is obtained merely by depressing the long lever at the side of the table and can be fixed automatically at any angle. Hot water containers are fitted beneath the table top, and the wheel at the head of the table can immediately be put out of action by the foot lever connected with it **42 0 0**

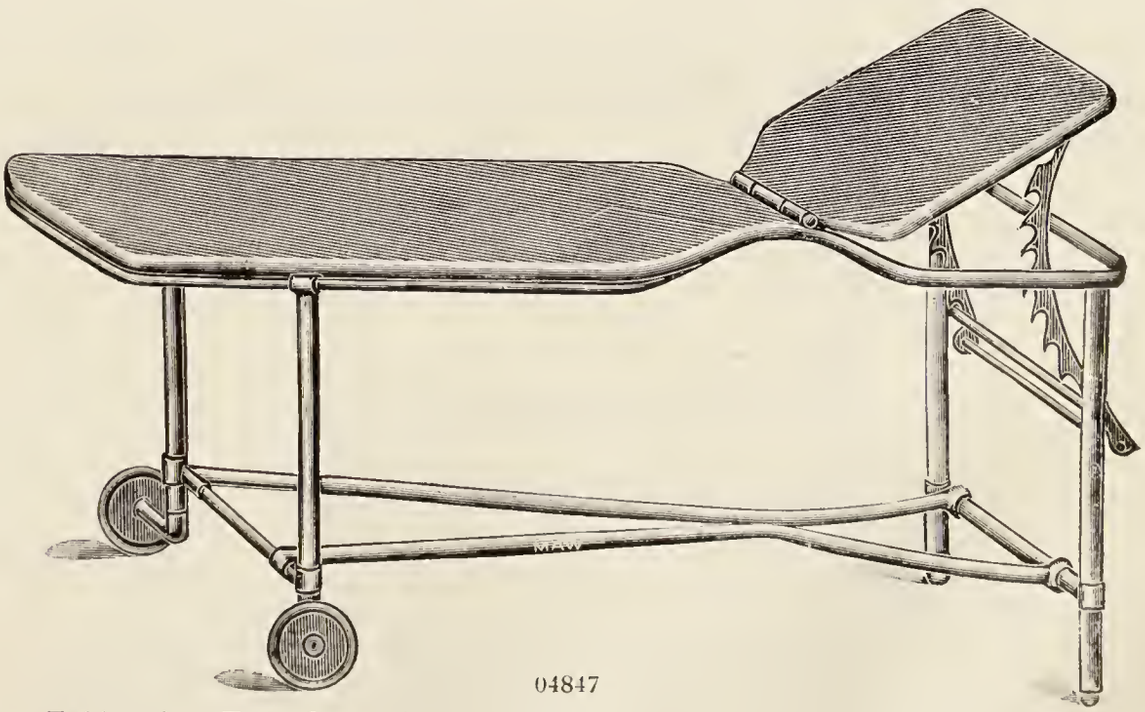
04843 Do. do. do. with non-chip vitreous enamelled frame **46 0 0**

Operation Tables—Contd.—

No.		£ s. d.
04844	**Table,** constructed of white enamelled iron and steel plate, with polished gun-metal racks. The movements of this table are exceptionally complete, almost any position being obtainable with a minimum amount of trouble. When not in use, the extensions at either end can be dropped, thus enabling the table to be stowed away in a space 2 ft. 6 in. in length. The central portion of the table has a gutter running round it to convey water, etc., into a receptacle placed on the stage beneath. The table is mounted on double castors which can be locked from either side by means of a foot lever	**31 10 0**
04845	Enamelled Iron Receiver, for placing beneath the table.. extra	**0 13 6**
04846	Adjustable Head Rest, as illustrated .. .. .. ,,	**3 0 0**



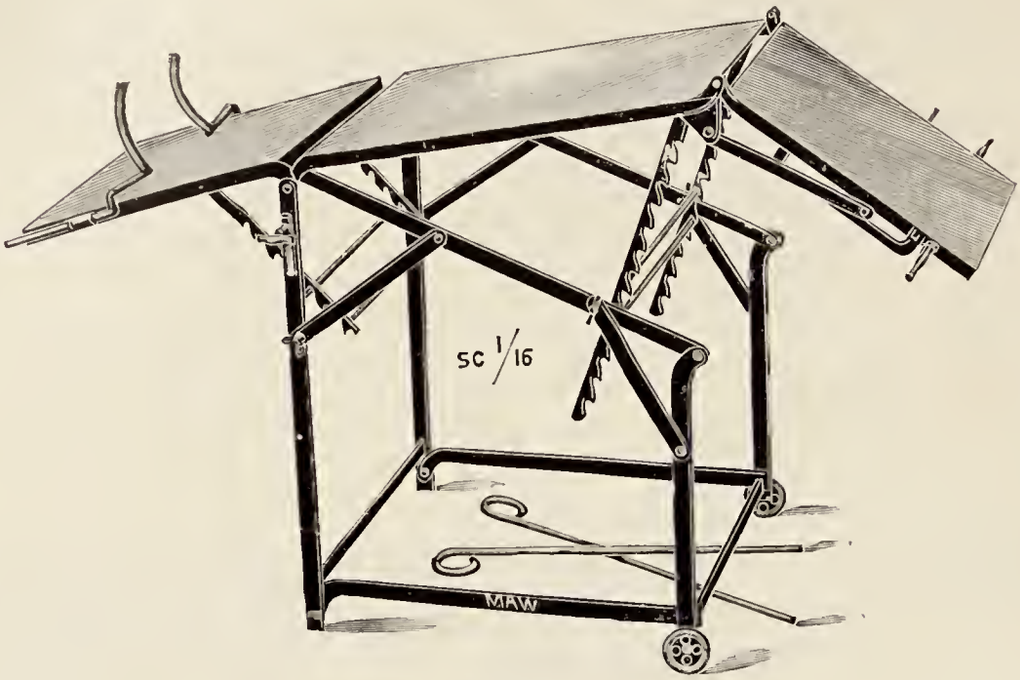
04844



04847

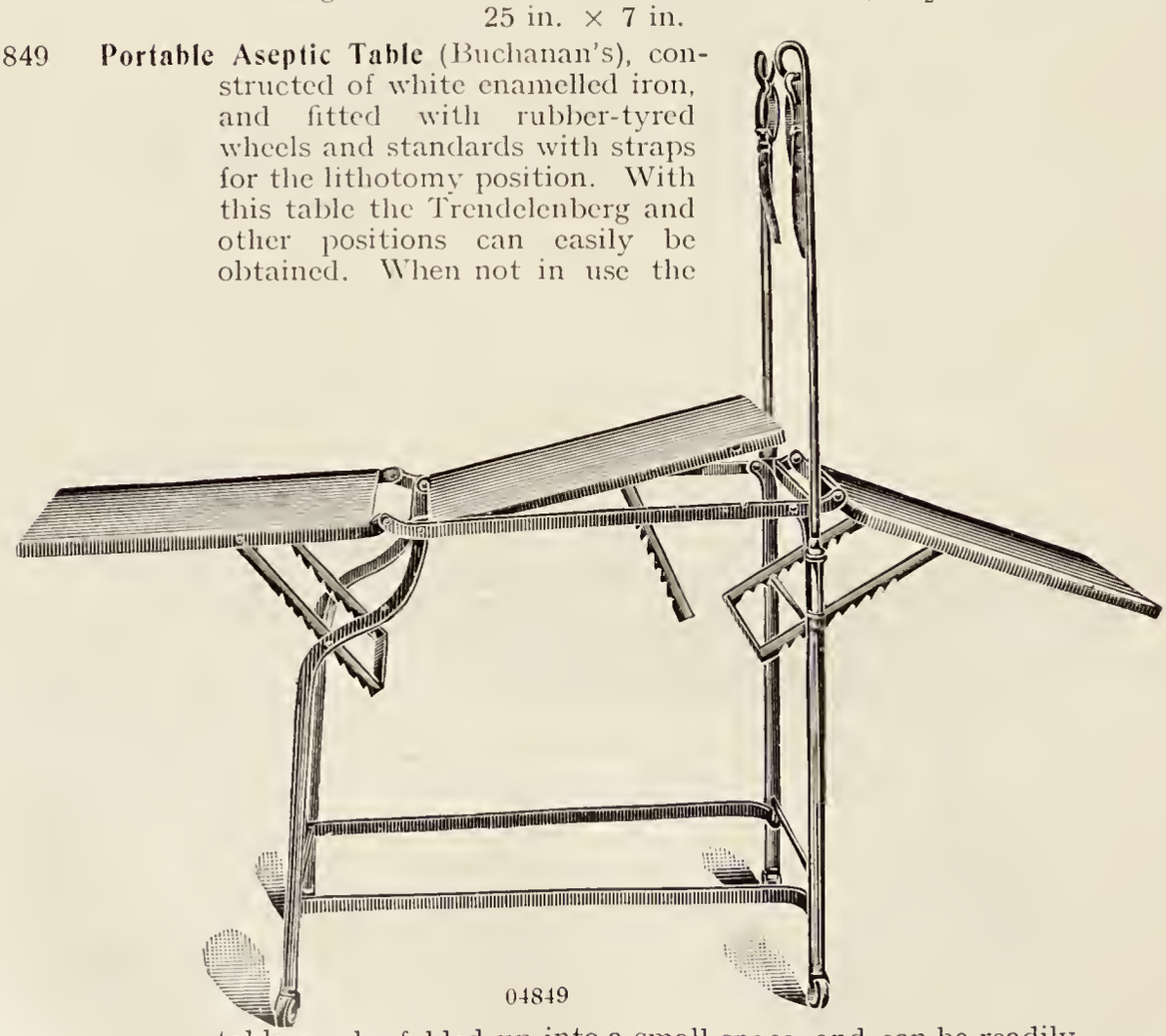
04847 **Table,** for Eye Operations, with enamelled steel tubular frame, polished zinc top and adjustable head rest **11 10 0**

Operation Tables—Contd.—



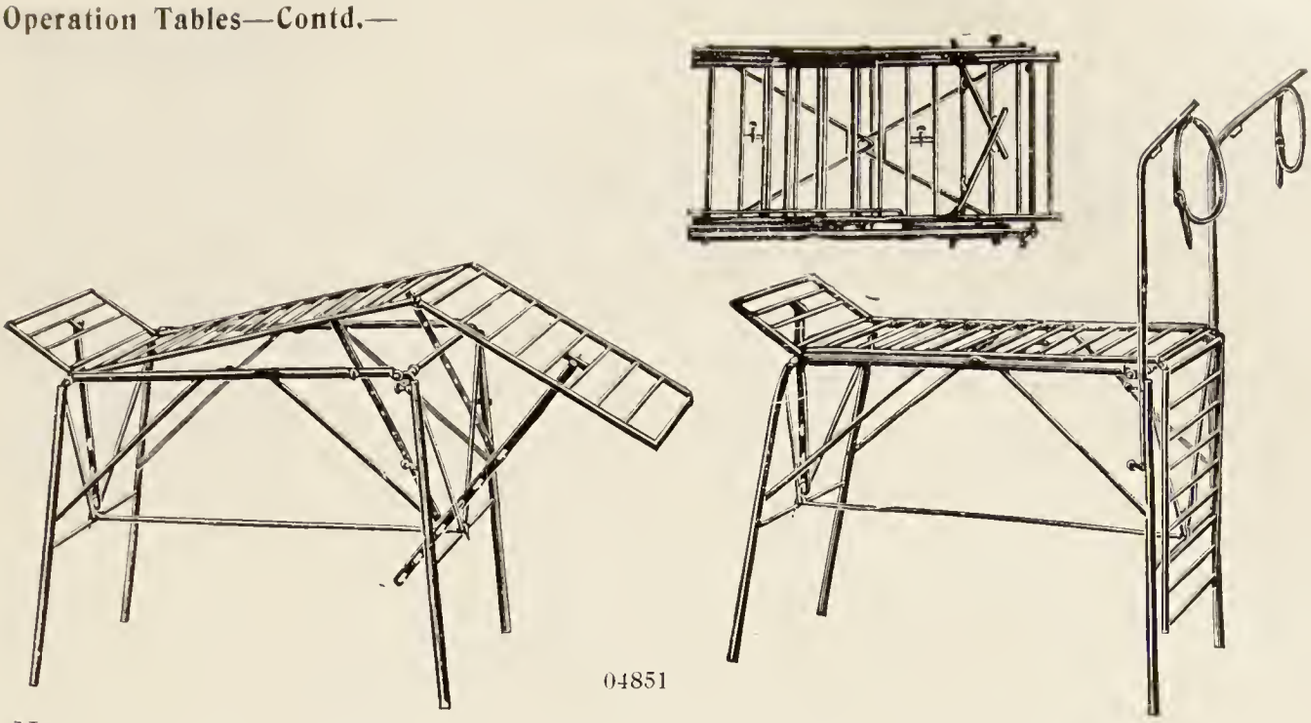
04848

No.		£	s.	d.
04848	**Portable Aseptic Table,** Maw's improved, constructed of white enamelled iron tube with nickel-plated working parts and fitted with lithotomy standards and straps, shoulder rests, and castors on two feet, so designed that the height is the same both in the flat and the Trendelenberg position .. Weight, 40 lbs. Dimensions when folded, 28½ in. × 25 in. × 7 in.	14	0	0
04849	**Portable Aseptic Table** (Buchanan's), constructed of white enamelled iron, and fitted with rubber-tyred wheels and standards with straps for the lithotomy position. With this table the Trendelenberg and other positions can easily be obtained. When not in use the table can be folded up into a small space, and can be readily conveyed in a motor car from place to place	5	10	0
04850	Do. do. do. as No. 04849, but with castors on two feet only	5	0	0



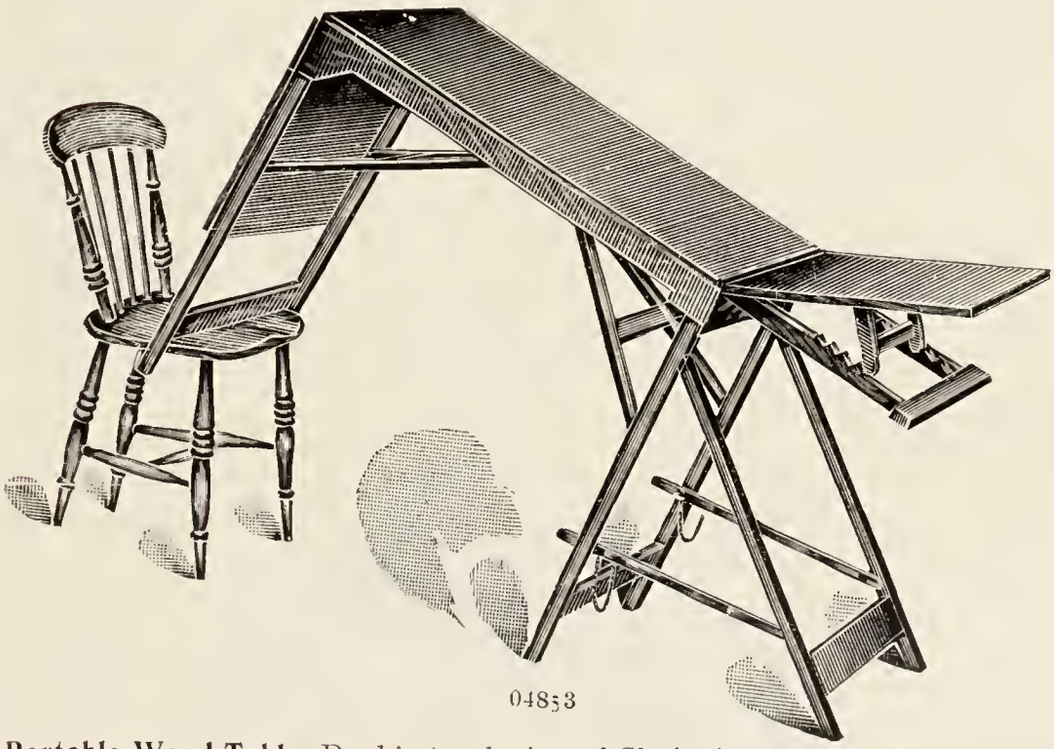
04849

Operation Tables—Contd.—



04851

No.		£	s.	d.
04851	**Portable Aseptic Table,** Stidson's, constructed of seamless nickel-plated steel tubing with solid brass hinges and flat steel braces and ratchets—the lightest and most rigid aseptic table on the market, complete with lithotomy crutches and straps	10	10	0
	Weight, 35 lbs.			
	Dimensions when folded, 39 in. × 22 in. × 3½ in.			
04852	Waterproof canvas bag for the above	1	1	0



04853

04853	**Portable Wood Table,** Buck's (exclusive of Chair) in waterproof canvas cover	5	15	0

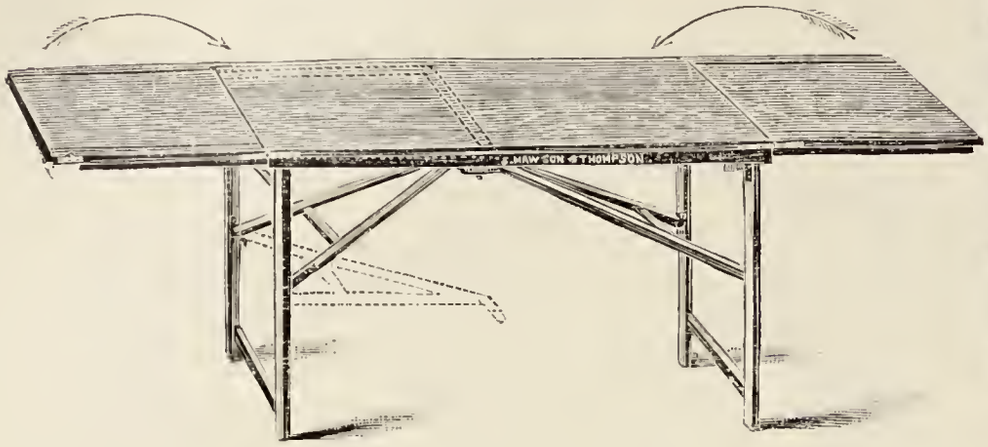
EXTRACT FROM "LANCET," MARCH 7, 1903.

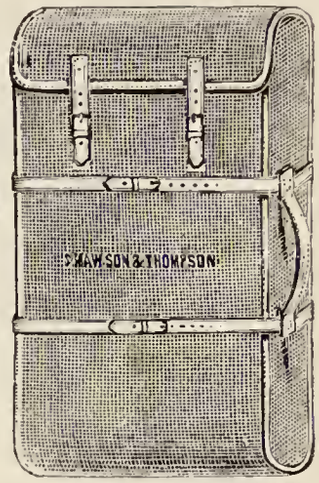
"The Portable Operating Table shown in the accompanying illustration is a modification of that suggested by Mr. Jordan Lloyd. Two legs are added under the head, which are united to the upper ends of the ordinary legs by strong hinges and to one another below by a cross piece. These can be fixed at the required angle to the ordinary legs by means of an adjustable support, one on each side. All that is necessary to place a patient in the Trendelenberg position is—first, to fix the extra legs at the necessary angle; secondly, to slide in the support for the foot flap and to drop it; and thirdly, to tilt the table backwards and place an ordinary wooden chair under the cross-piece connecting the legs at its foot. The table as described above has been strongly and neatly made for me by Messrs. S. MAW, SON & SONS, of Aldersgate Street, London, E.C.

"ARTHUR H. BUCK, F.R.C.S. Edin.,
"Surgeon, Sussex County Hospital, etc."

"BRIGHTON.

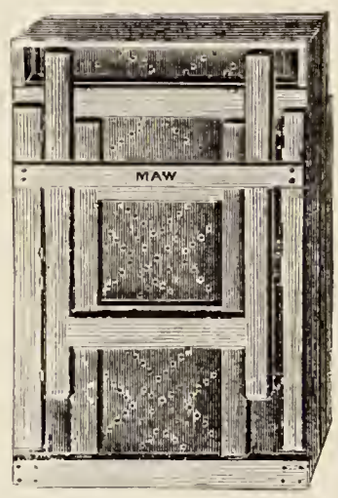
Operation Tables—Contd.—





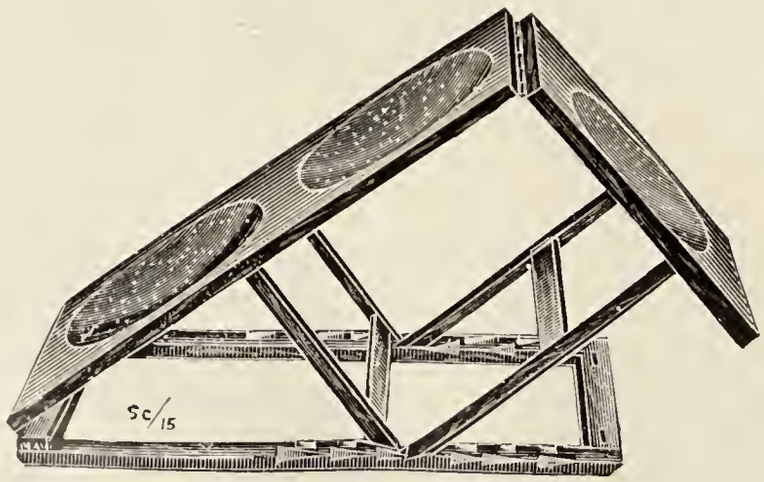
04854

No.		£	s.	d.
04854	**Portable Wood Table,** Jordan Lloyd's, consisting of an oak frame with pine wood top, in waterproof canvas cover .. .. .. Dimensions when open, 5 ft. 10 in. by 1 ft. 8 in.; when closed, 35 in. by 20 in. by 6 in. Weight, about 36 lbs.	4	16	0
04855	Lithotomy Crutches can be added to this table without interfering with its portability, at an additional cost of	0	18	6



04856

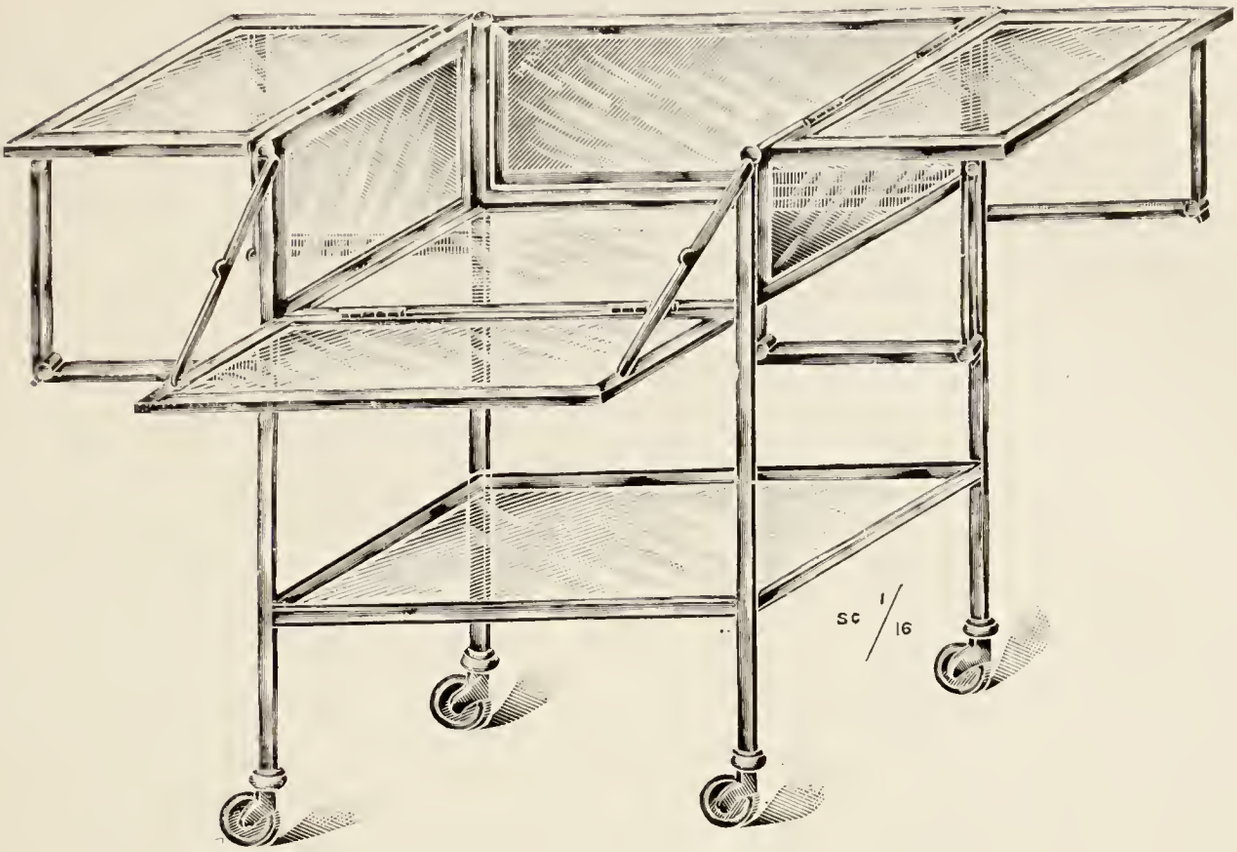
04856	**Portable Wood Table,** Jessett's, in waterproof canvas cover .. Dimensions when open, 5 ft. 9 in. by 1 ft. 8 in.; when closed, 35 in. by 20 in. by 3½ in. Weight, about 30 lbs.	6	10	0



04857

04857	**Adjustable Table Top,** for obtaining the Trendelenberg position, for use on an ordinary kitchen or other firm table, complete with 2 clamps	2	2	0

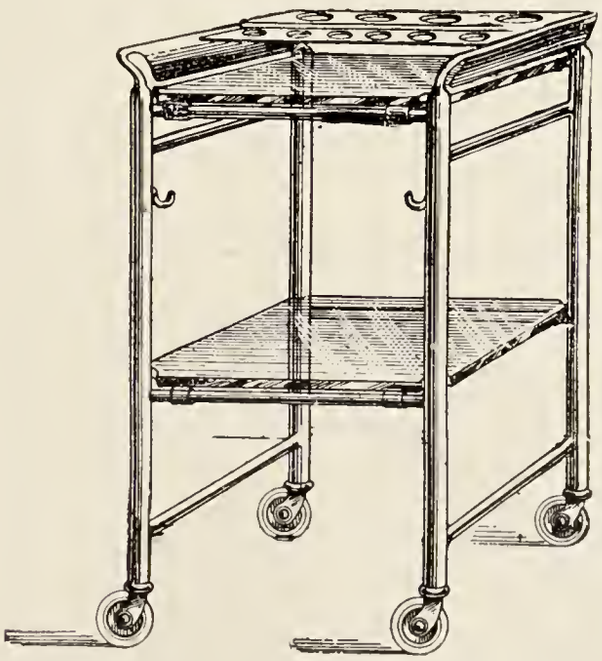
ASEPTIC HOSPITAL FURNITURE, Etc.



04858

No.		£	s.	d.
04858	**Anæsthetist's Table,** white enamelled iron and plate glass, fitted with ball-bearing india-rubber tyred wheels. The top of the box is composed of two flaps which open out to form shelves, and the front drops down, so that the anæsthetist can more easily reach anything he requires from the interior..	7	4	0

Dimensions of box, 24 in. by 16 in. Height of table, 34 in.

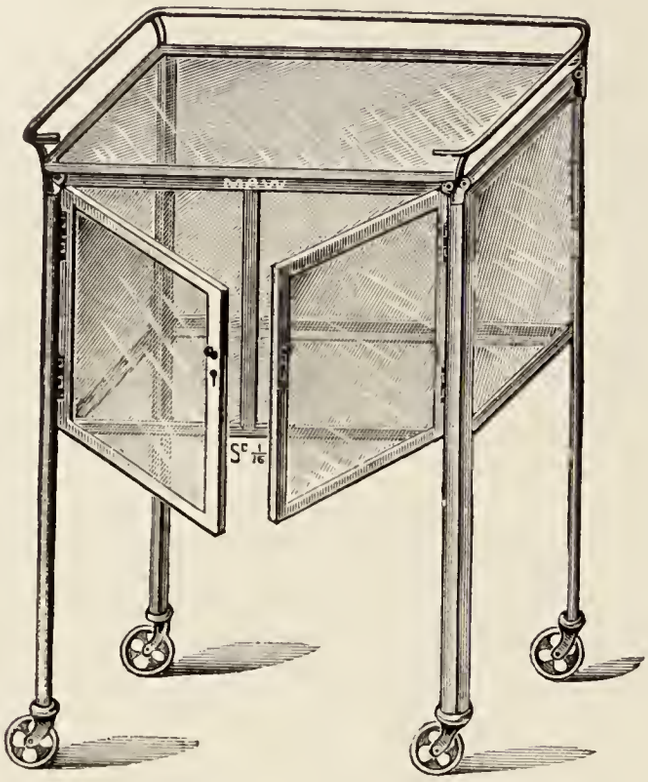


04859-60

04859	**Anæsthetist's Table,** white enamelled iron and plate glass, with nickel-plated copper rail and band round three sides of top and two perforated racks for bottles, etc.	5	12	6
04860	Do. do. do., "Non-chip" vitreous enamelled	7	17	6

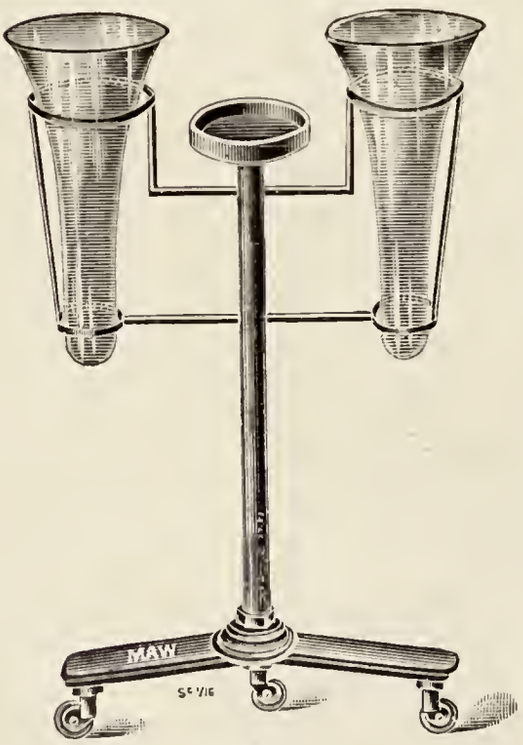
Dimensions, 18 in. by 18 in. by 36 in.

Aseptic Hospital Furniture, etc.—Contd.—

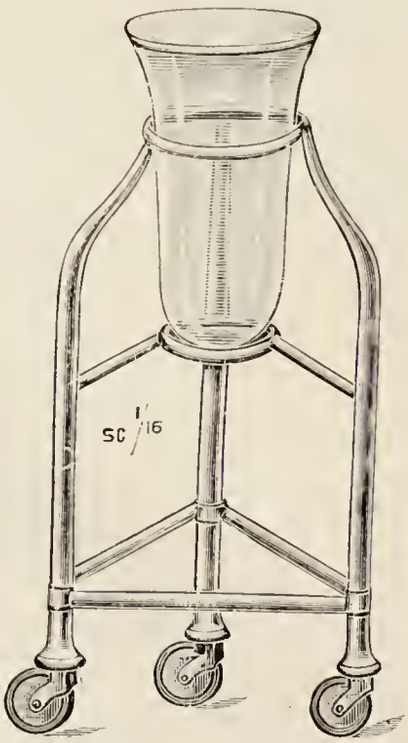


04861

No.		£	s.	d.
04861	**Anæsthetist's Table,** white enamelled iron and plate glass, 26 in. by 16 in., with rail round three sides and cupboard beneath, mounted on 3 in. rubber-tyred castors .. .. .. Height, 40 in.	7	4	0



04862



04863

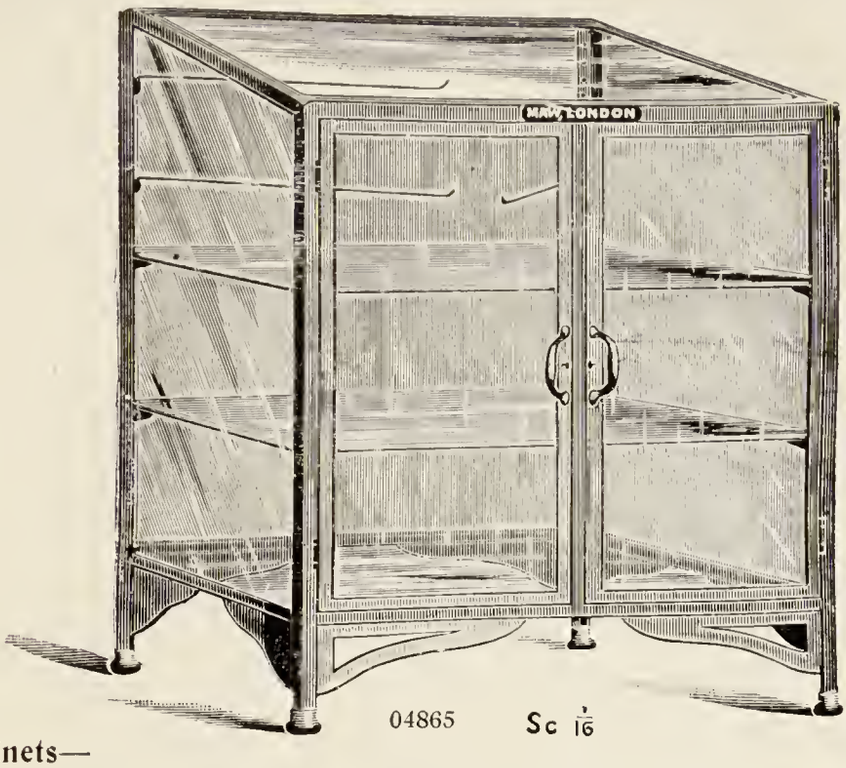
Arm Immersion Baths—

04862	White enamelled iron stand on 3 feet, with rubber-tyred castors	4	4	0
04863	Do. do. do., War Office model, with one bowl ..	3	0	0
04864	Do. do. do., with two bowls	5	0	0

Each of the above Stands is fitted with glass immersion bowls, 16 ins. deep and 6½ ins. in diameter at the rim.

Height of Stands, 40 ins.

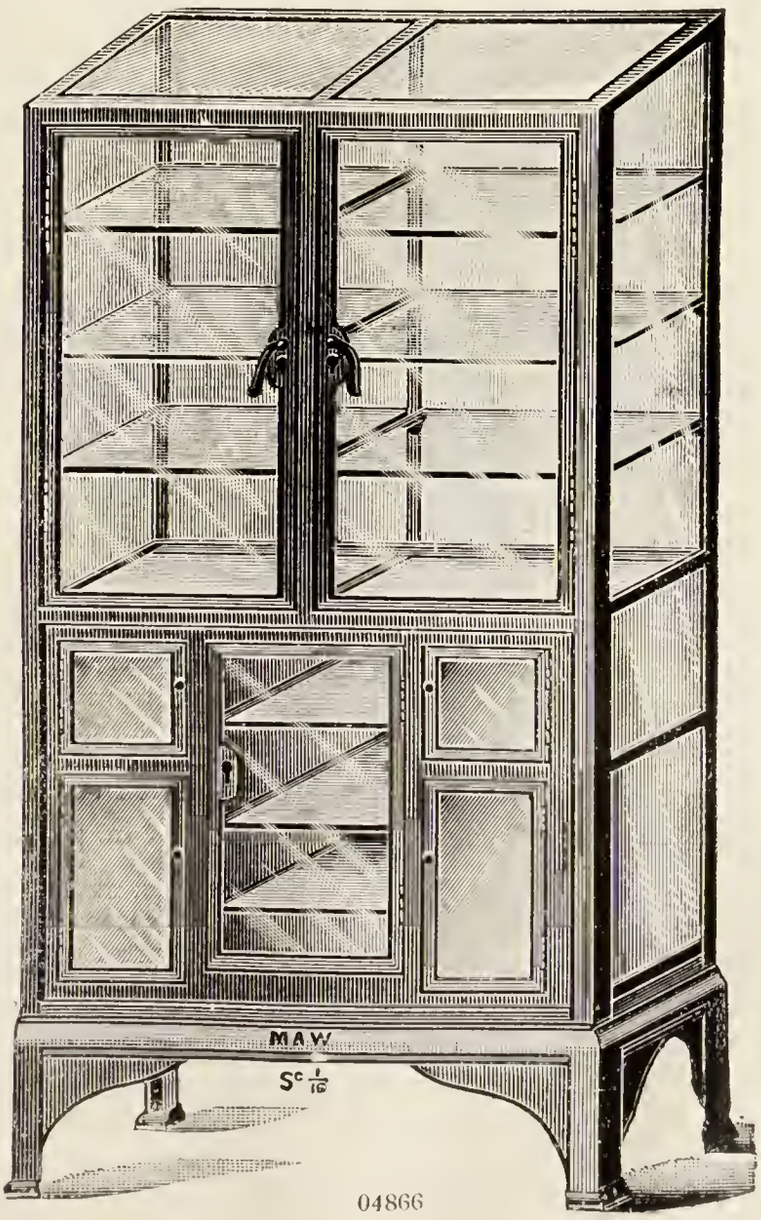
Aseptic Hospital Furniture, etc.—Contd.—



04865 Sc $\frac{1}{16}$

No.	Cabinets—	£	s.	d.
04865	Instrument Cabinet, white enamelled iron frame, with plate-glass doors, sides, top and back, and glass bottom, with nickel-plated fittings and lock and key	13	0	0

Dimensions—Height, 2 ft. 6 in.; width, 2 ft. 6 in.; depth, 1 ft. 2 in.

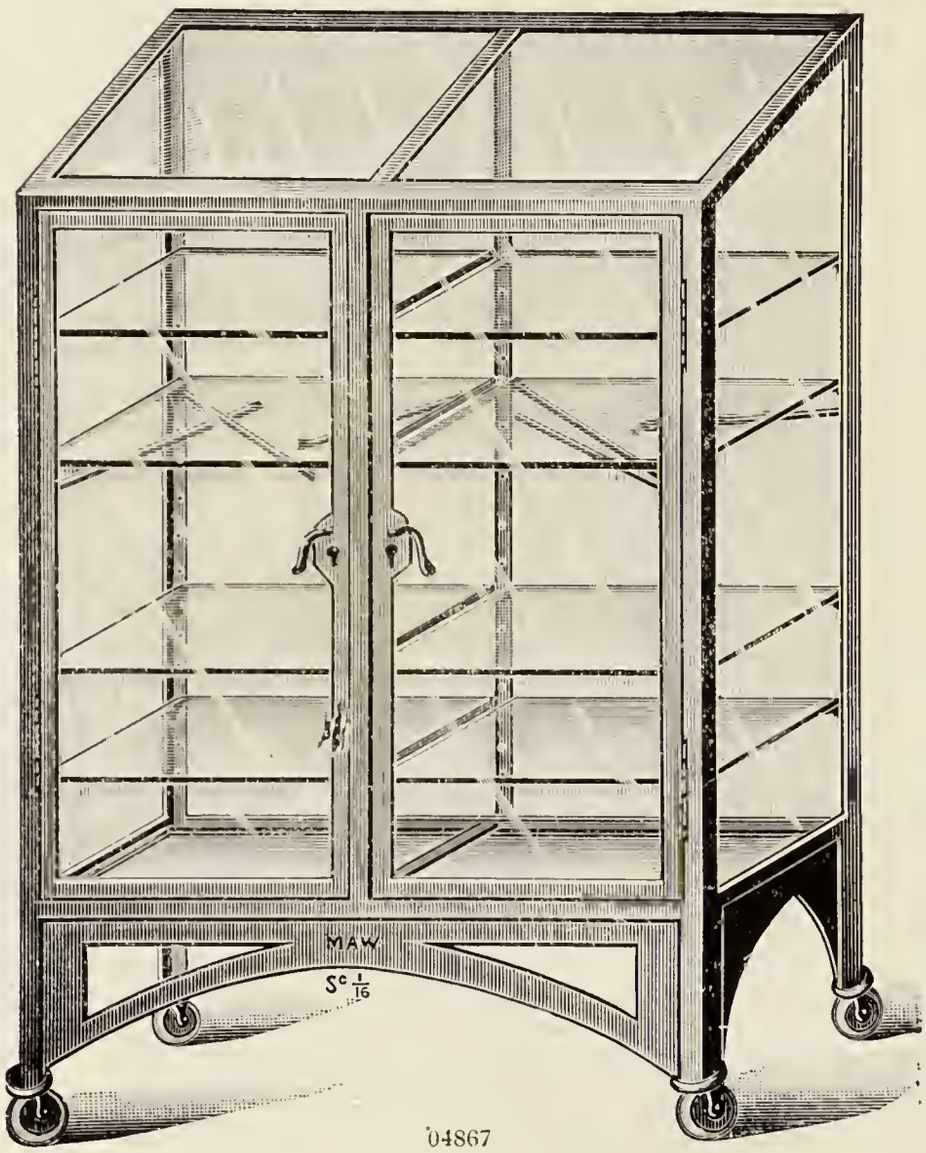


04866

Aseptic Hospital Furniture, etc.—Contd.—

Cabinets—Contd.—

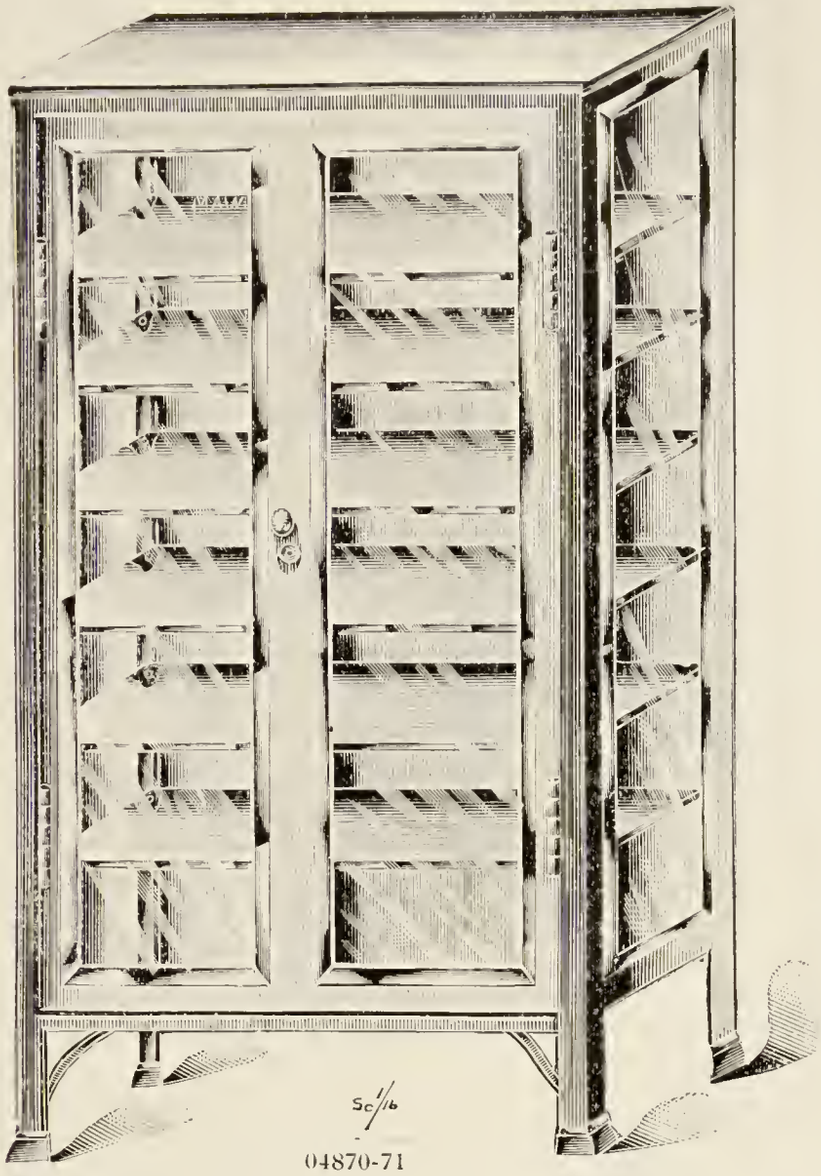
No.		£ s. d.
04866	Instrument and Dressing Cabinet combined, made of white enamelled iron and plate glass. The top compartment is fitted with bar locks, $\frac{3}{8}$ in. plate-glass shelves and silvered glass bottom ; the lower part consists of 5 separate air-tight cupboards with glass doors, the middle one being fitted with lock and key	40 10 0
	Dimensions, 5 ft. 6 in. by 3 ft. 6 in. by 18 in.	



04867

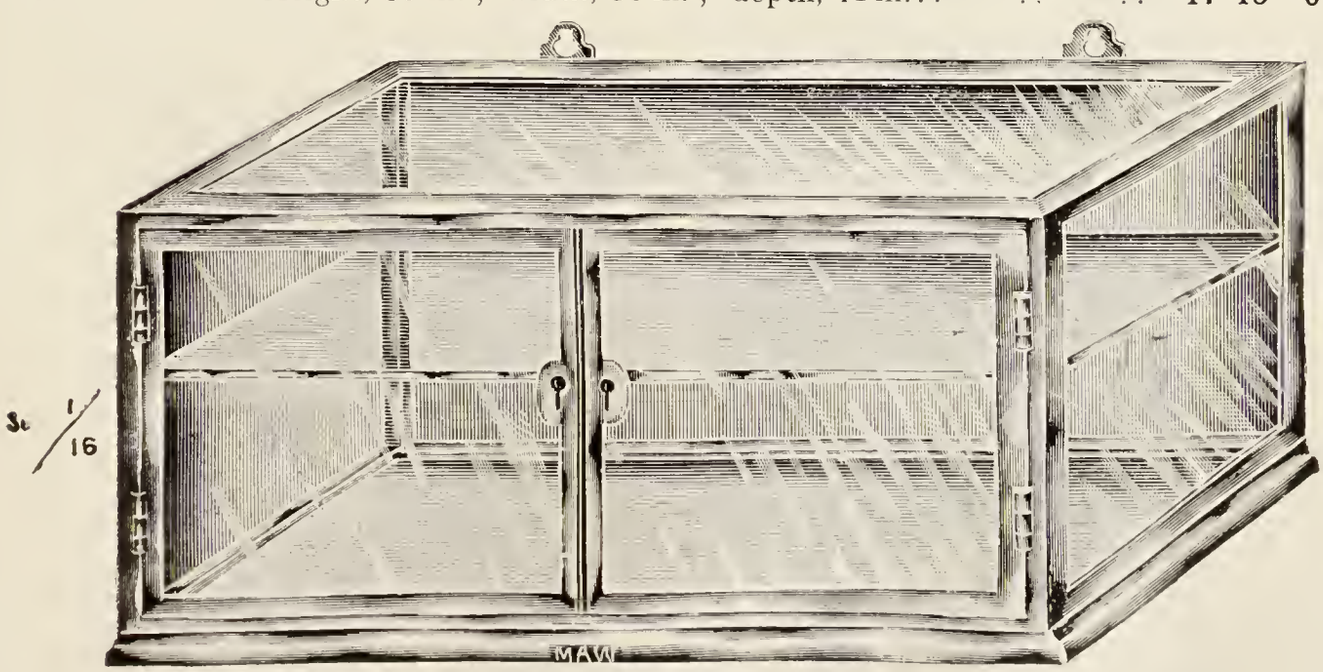
04867	Instrument Cabinet, white enamelled iron frame, with nickel-plated fittings, with plate-glass all round, plate-glass shelves with polished edges, and plate glass division in centre, fitted with bar lock fastenings, and nickel-plated arms	30 0 0
	Dimensions—Height in front, 70 in. ; width, 42 in. ; depth, 18 in.	
04868	Instrument Cabinet, with flat top, white enamelled iron, with plate-glass doors and sides, plate-glass shelves with polished edges, enamelled top and back, and plain feet without castors	26 10 0
	Dimensions—Height, 70 in. ; width, 40 in. ; depth, 18 in.	
04869	Instrument Cabinet, with flat top, single door, white enamelled iron frame, plate-glass door, sides and top ; 5 plate-glass shelves with polished edges and nickel-plated fittings, and plain feet without castors	12 10 0
	Dimensions—Height, 50 in. ; width, 24 in. ; depth, 16 in.	

Aseptic Hospital Furniture, etc.—Contd.—



04870-71

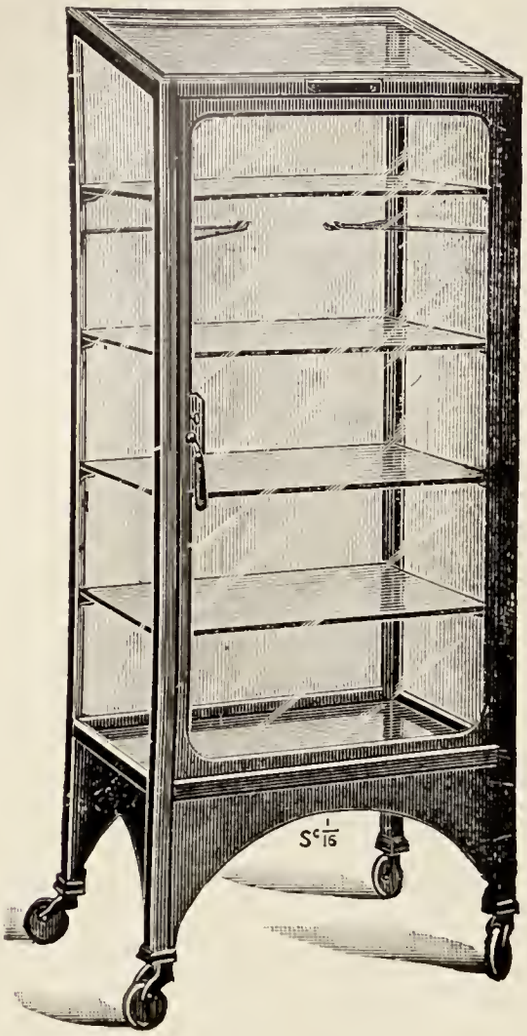
No.	Cabinets—Contd.—	£	s.	d.
	Instrument Cabinet, white enamelled iron with flat top, bevelled plate-glass doors and sides, plate-glass shelves with polished edges, bar lock fastening, and nickel-plated fittings—			
04870	Height, 60 in. ; width, 36 in. ; depth, 16 in...	25	10	0
04871	Height, 50 in. ; width, 30 in. ; depth, 14 in...	17	15	0



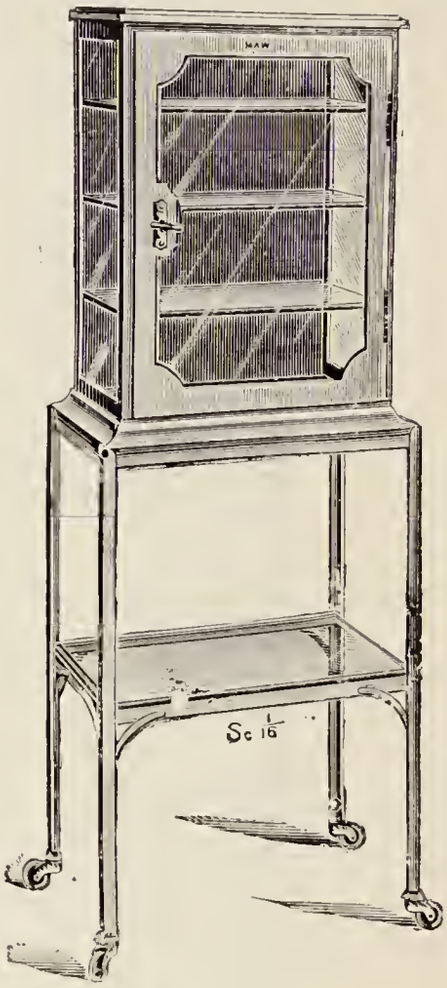
04872-73

04872	Instrument Cabinet to hang on wall, 36 in. by 18 in. by 11 in. ..	4	15	0
04873	Do. do. do,. 30 in. by 16 in. by 11 in. ..	4	10	0

Aseptic Hospital Furniture, etc.—Contd.—

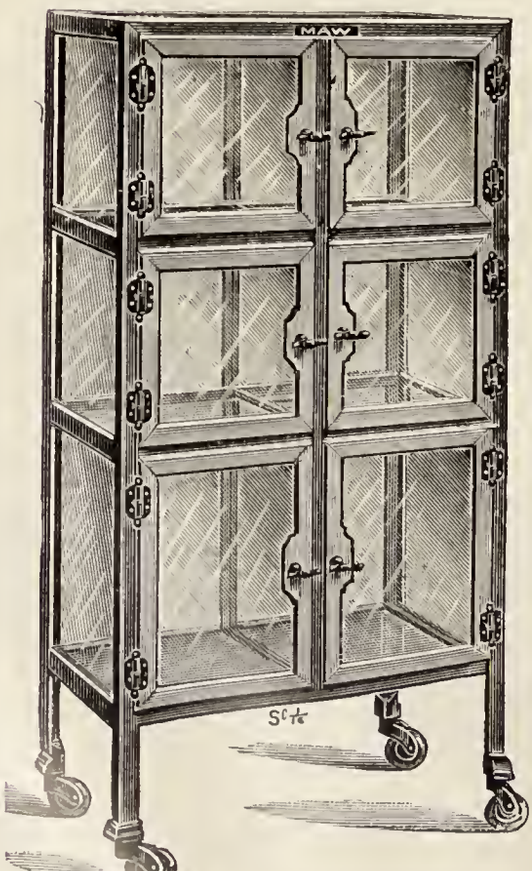


04874

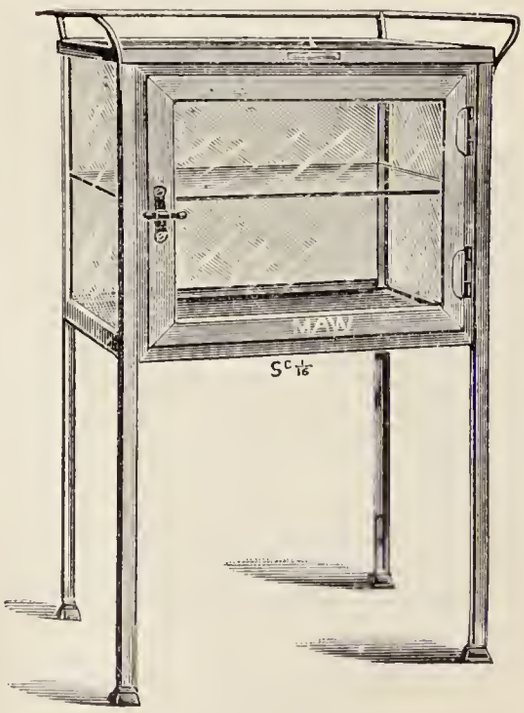


04875

No.	Cabinets—Contd.—	£	s.	d.
04874	Instrument Cabinet, white enamelled iron with nickel-plated fittings, plate-glass door, sides, top and back, and plate-glass shelves with polished edges; mounted on 2 in. rubber-tyred wheels; height, 55 in.; width, 24 in.; depth, 16 in. ..	18	12	6
04875	Instrument Cabinet, 25 by 18 by 11 in., with white enamelled frame, glass door, sides and shelves, standing on a white enamelled iron table with plate-glass shelf	5	0	0



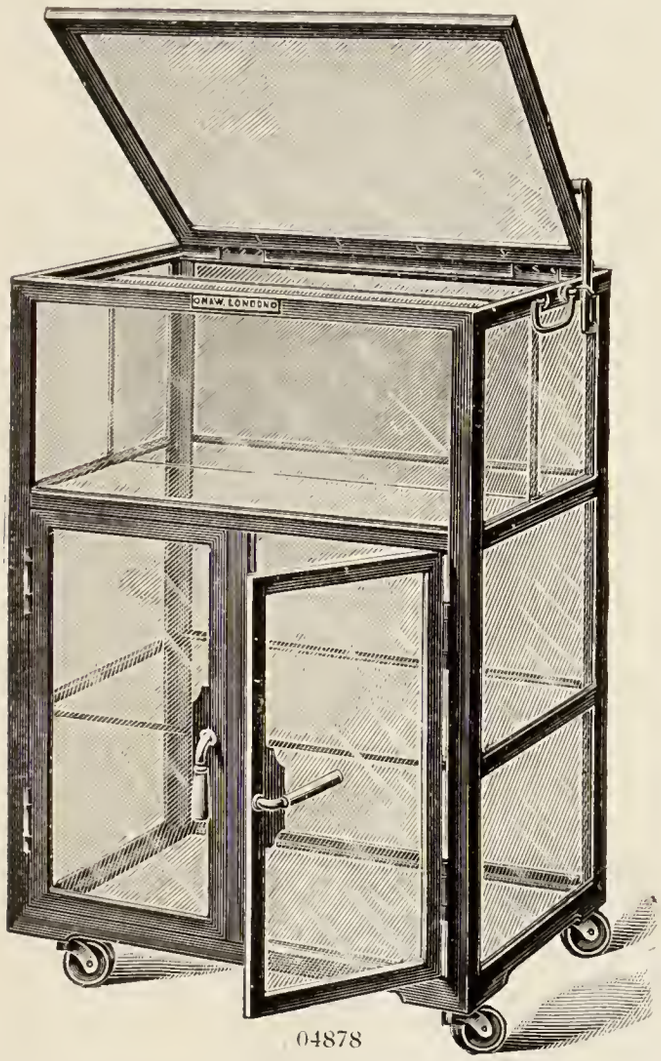
04876



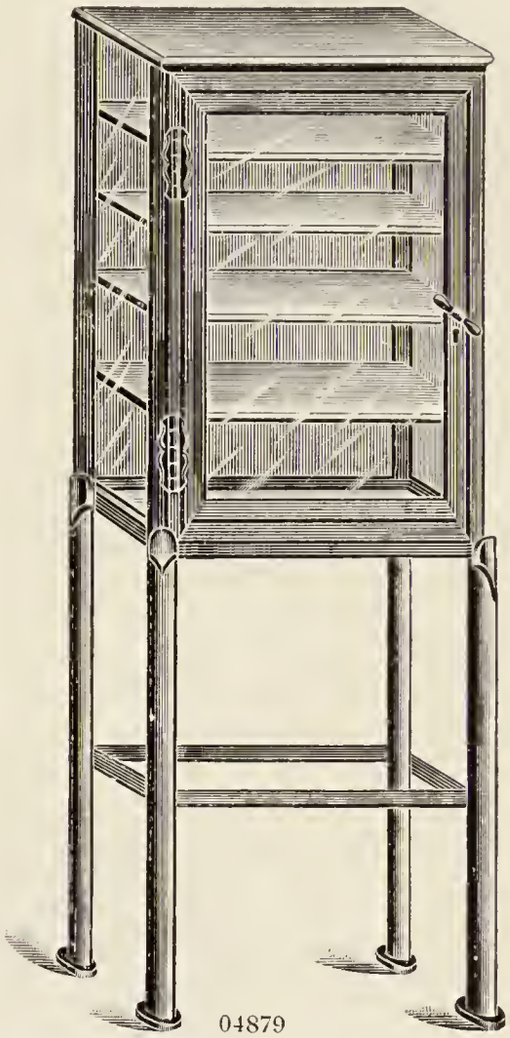
04877

Aseptic Hospital Furniture, etc.—Contd.—

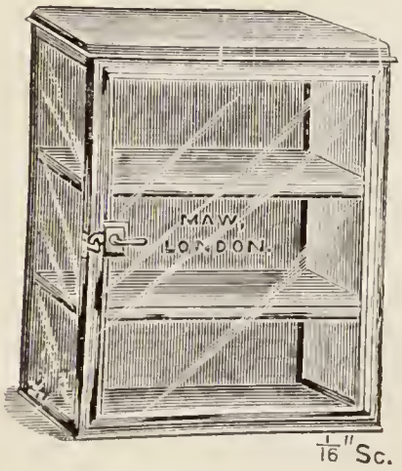
No.	**Cabinets—Contd.—**	£	s.	d.
04876	Dressing Cabinet, white enamelled iron frame, with plate-glass doors, top, sides, back and partitions, nickel-plated handles and hinges, and 2½ in. rubber-tyred wheels	**17**	**15**	**0**
	Dimensions—Height, 50 in.; width, 24 in.; depth, 12 in.			
04877	Dressing or Medicine Cabinet, white enamelled iron, with plate-glass door and shelf	**5**	**5**	**0**
	Dimensions of cupboard, 20 in. by 20 in. by 16 in. Total height, 40 in.			



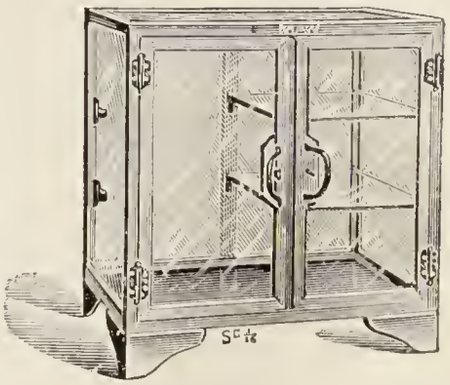
04878


04879

04878	Dressing Cabinet, white enamelled iron frame, with plate-glass doors, top, sides, back and shelf, and 2½ in. rubber-tyred castors; 35 in. by 24 in. by 18 in.	**21**	**10**	**0**
04879	Instrument Cabinet on stand, white enamelled iron and plate glass	**11**	**5**	**0**
	Dimensions—Height, 36 ins.; width, 24 ins.; depth, 14 ins. Height of stand, 36 ins.			

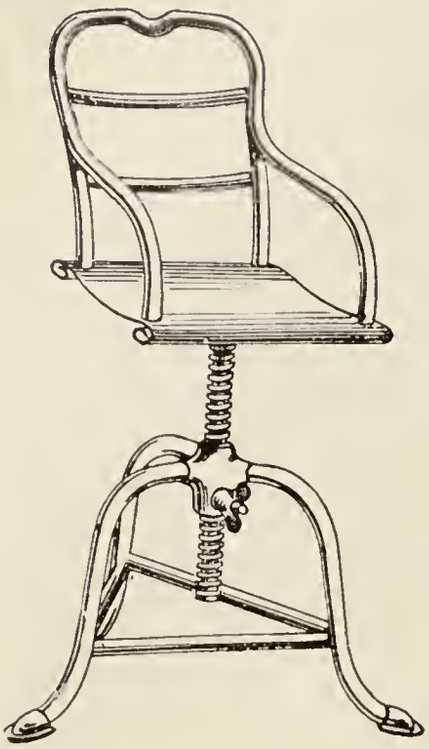


04880

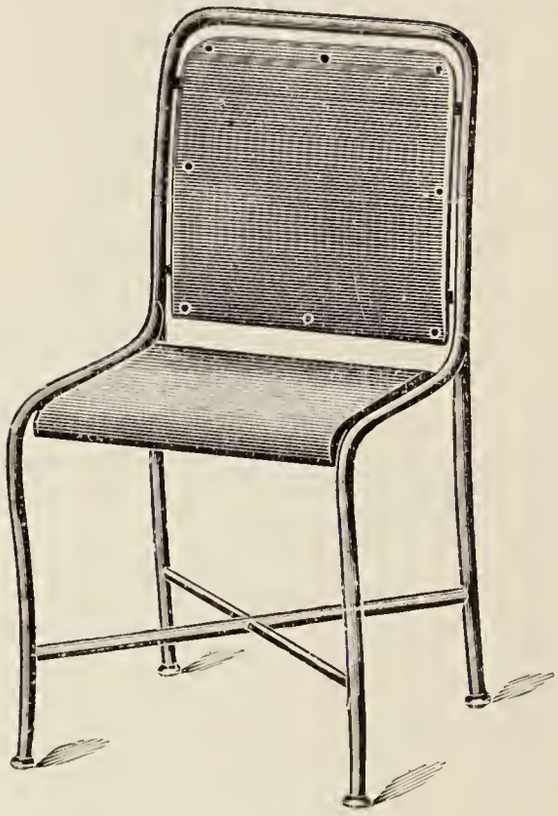

04881

04880	Instrument Cabinet, white enamelled, with glass door, and shelves, and nickel-plated hinges, 24 in. by 18 in. by 11 in., **45/-**; 20 in. by 16 in. by 9 in., **34/-**; 18 in. by 14 in. by 8 in.	**1**	**10**	**0**
04881	Eye Instrument Cabinet, white enamelled iron frame, with ¼ in. plate glass all round, 20 in. by 20 in. by 12 in.	**4**	**5**	**0**

Aseptic Hospital Furniture, etc.—Contd.—



04882



04883

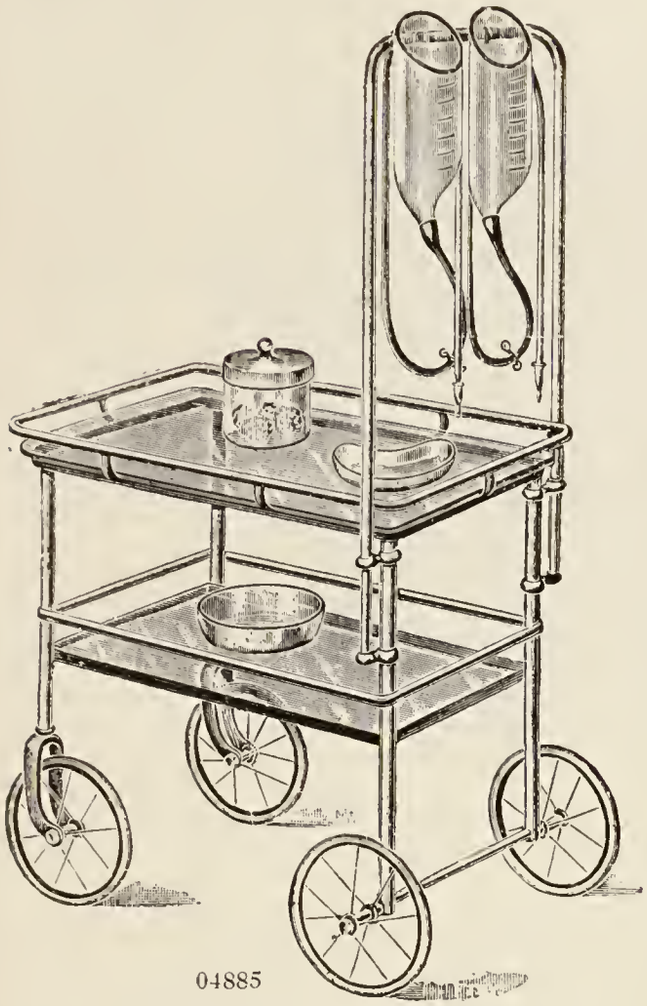
No.		£	s.	d.
	Chairs, Operation—			
04882	With adjustable screw seat, white enamelled, with nickel-plated feet	5	5	0
04883	With fixed seat, white enamelled	1	5	0

04884

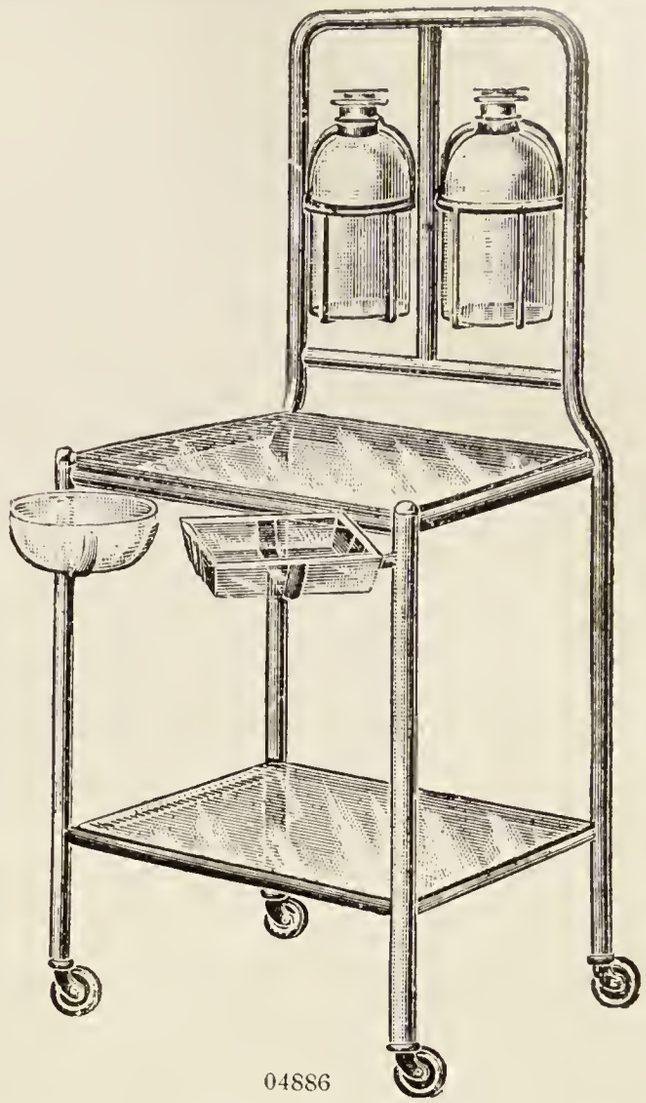
04884	**Dressing Boxes,** nest of six, in enamelled iron frame, each box fitted with lock and key, and pull-down front	7	7	0

Dimensions of frame—$41\frac{1}{2}$ in. $\times 39\frac{1}{4}$ in. $\times 11\frac{3}{8}$ in.
,, ,, boxes—$17\frac{1}{2}$ in. $\times 11\frac{3}{4}$ in. $\times 11$ in.

Aseptic Hospital Furniture, etc.—Contd.—

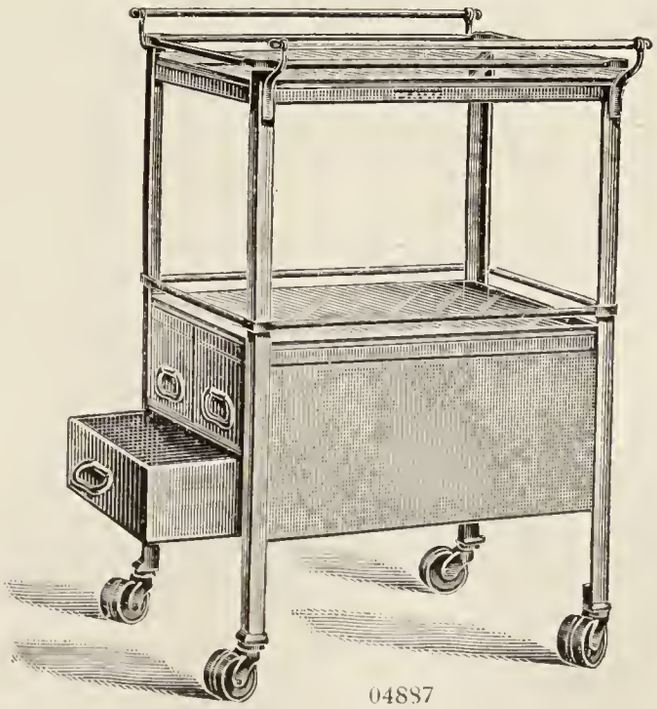


04885



04886

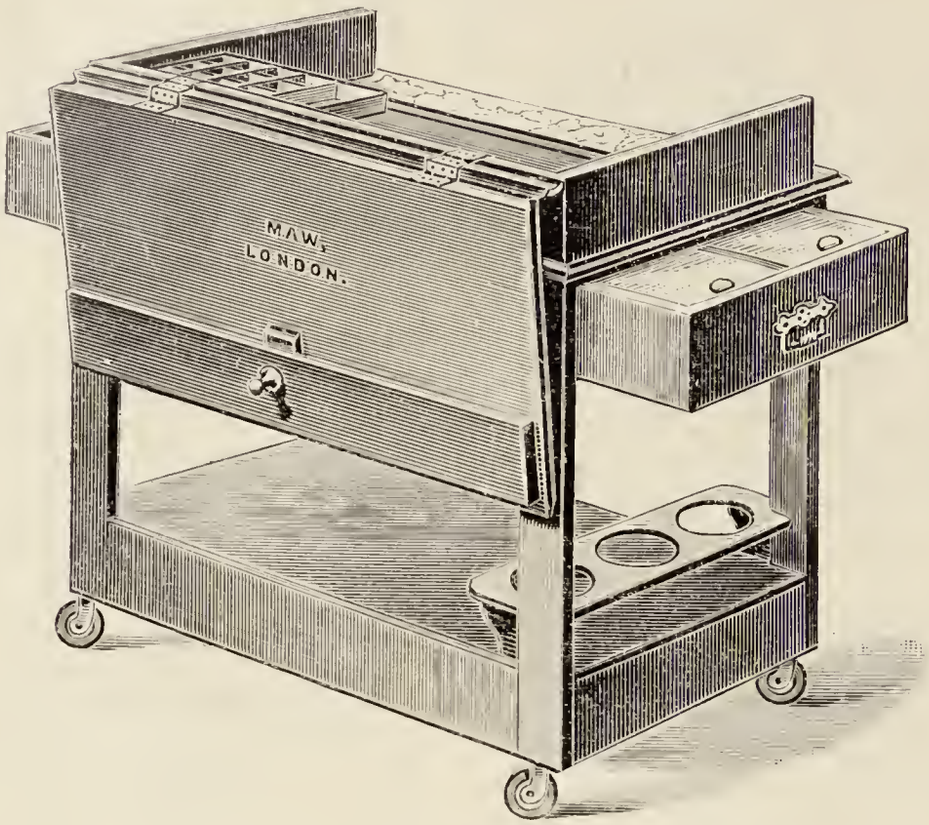
No.	Dressing Wagons—	£	s.	d.
04885	White enamelled iron with plate-glass shelves and guard rails, two graduated glass irrigator jars, etc., and 12 in. bicycle wheels.. Dimensions, 31½ in. by 23½ in.	10	2	6
04886	White enamelled iron, with 2 lotion jars and swing-out brackets with bowls, etc. .. .. Dimensions, 22 in. by 20 in.	7	10	0



04887

04887	White enamelled iron, with plate-glass shelves, and 6 drawers, mounted on 2½ in. rubber-tyred castors .. .. .. Dimensions, 24 by 17½ in.; height, 36¾ in.; space between top and shelf, 15 in.	7	5	0

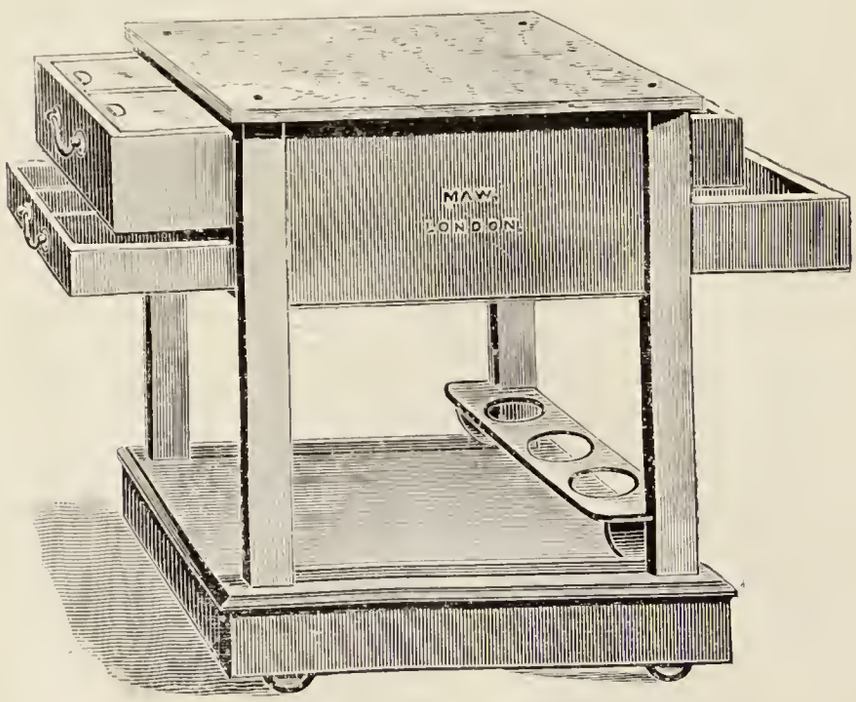
Aseptic Hospital Furniture, etc.—Contd.—



04888

Dressing Wagons—Contd.—

No.		£	s.	d.
04888	Dressing Wagon, as designed by Mr. T. H. Kellock, for the Diphtheria Wards at the Hospital for Sick Children, Great Ormond Street. Polished white wood with tin-lined drawer, marble top, and glass shelf, the latter being fitted with a partitioned tray for holding Tracheotomy Tubes, etc. A hinged lid covers over the top of the wagon when not in use	7	0	0

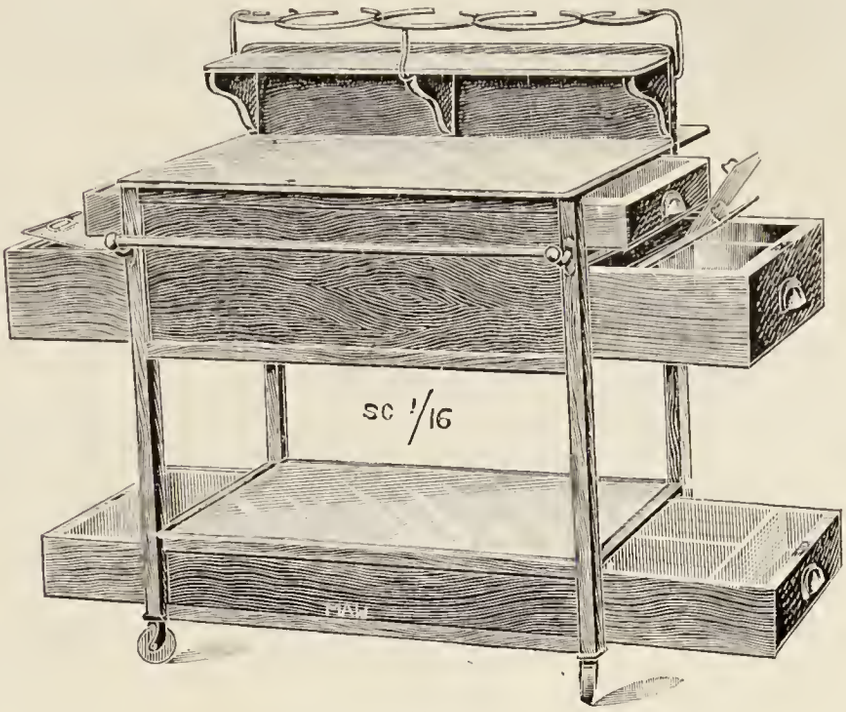


04889

04889	Dressing Wagon, as used at the Hospital for Sick Children, Great Ormond Street, made in polished white wood, with marble top and tin-lined drawer; mounted on 2½ in. rubber-tyred wheels	6	5	0

Dimensions—Length, 31 in.; width, 26 in.; height, 38 in.

Aseptic Hospital Furniture, etc.—Contd.—

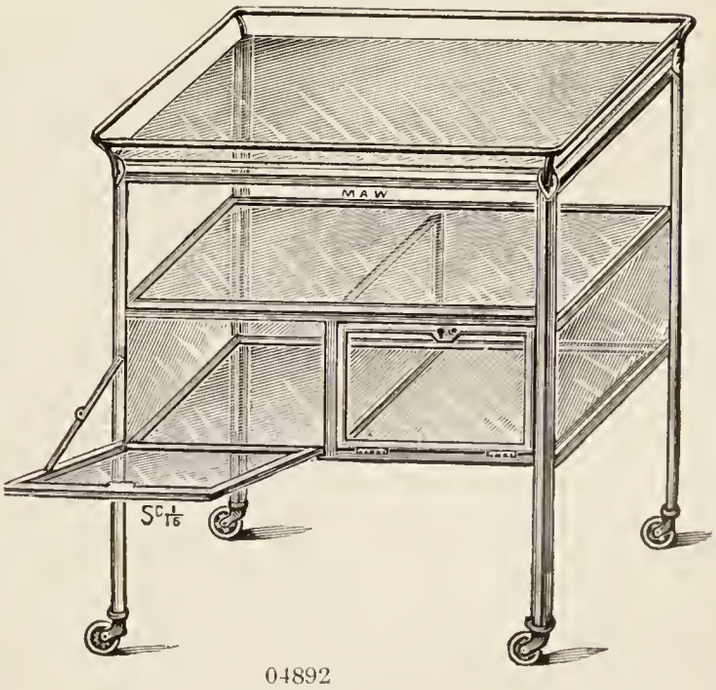


04890

Dressing Wagons—Contd.—

No.		£ s. d.
04890	Middlesex Hospital model, polished oak with opaline top, under-shelf and back shelf, polished German silver bottle rack and towel rail, white japanned tin linings to drawers and large rubber-tyred castors	**21 10 6**

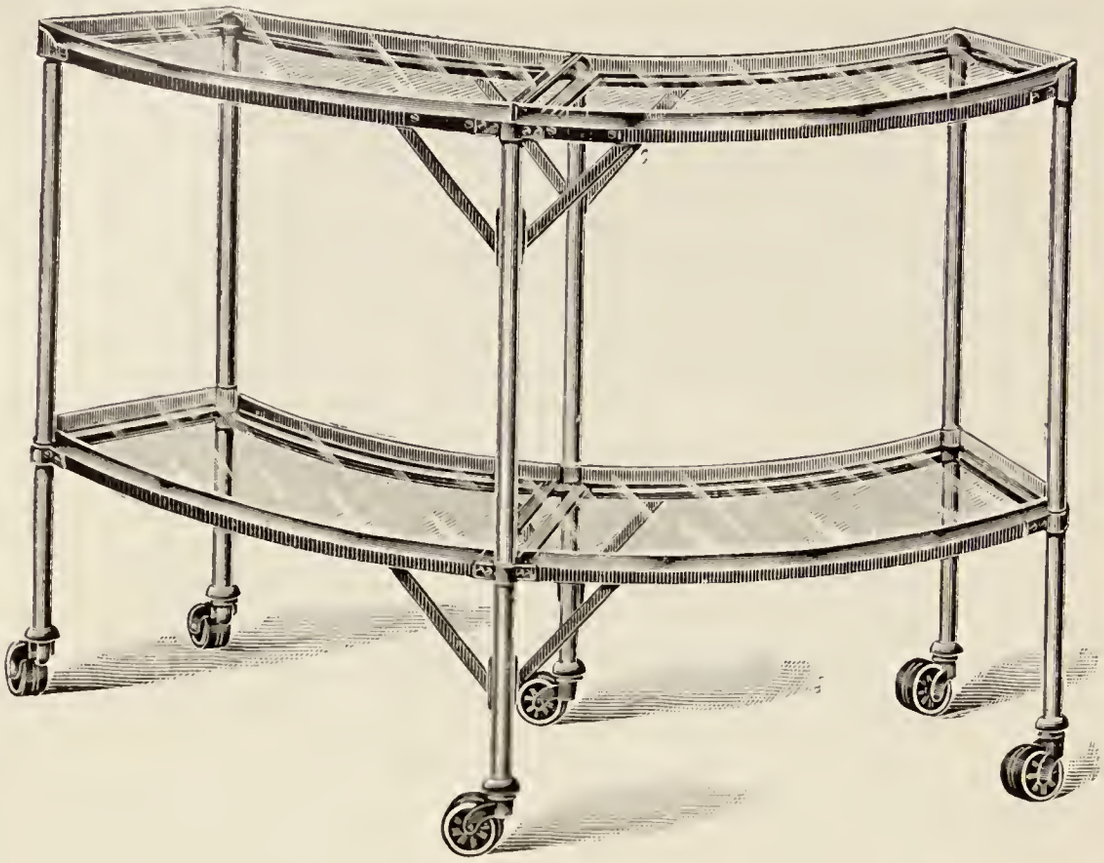
04891



04892

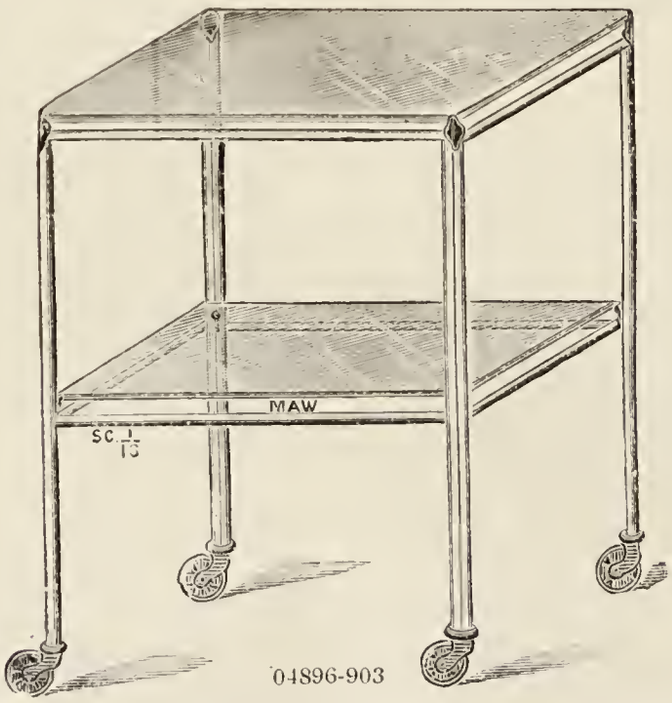
04891	Dressing Wagon, with box beneath, and rail round top, mounted on 3 in. rubber-tyred wheels, white enamelled iron and plate glass	**7 4 0**
	Dimensions, 24 in. by 18 in. by 34 in. ; depth of box, 8 in.	
04892	Dressing Wagon, with divided cupboard beneath and nickel-plated rail round top, mounted on 3 in. rubber-tyred wheels, white enamelled iron and plate glass..	**8 15 0**
	Dimensions, 26 in. by 16 in. by 34 in. ; depth of box, 8 in.	

Aseptic Hospital Furniture, etc.—Contd.—



04893-4

No.	**Instrument Tables,** with Tubular Iron Frames—	£	s.	d.
04893	Curved, mounted on 3-in. double ball-bearing wheels with plate-glass shelves, 56 × 15 × 34 in., ordinary white enamelled	10	12	6
04894	Do. do. "Non-chip," vitreous enamelled	14	14	0
	The above can be supplied with single 3-in. wheels at 32/- *each less.*			
04895	Instrument Table, curved as No. 04893, but without lower shelf and with single castors	7	5	0

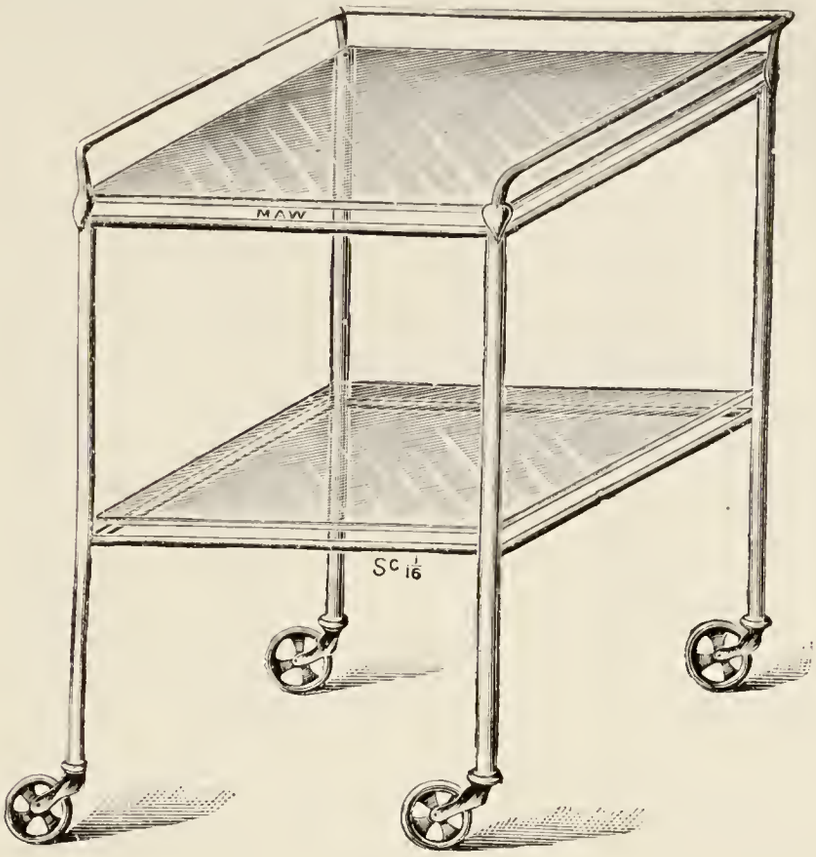


04896-903

Square Table, with nickel-plated corners, plate-glass top and shelf with polished edges, resting on brackets; mounted on 2½-in. rubber-tyred wheels, height 34 in.—

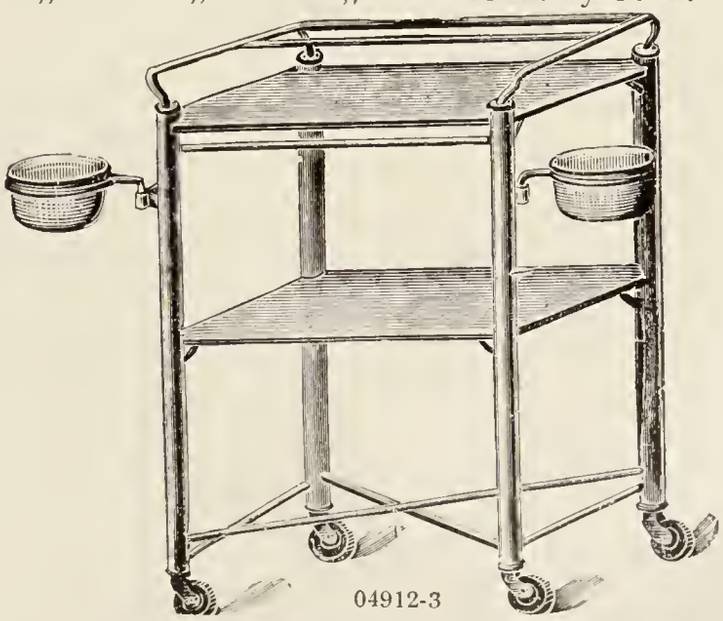
Ordinary, white enamelled,		£	s.	d.	"Non-chip," vitreous enamelled,		£	s.	d.
04896	30 in. by 18 in.	3	15	0	04900	30 in. by 18 in.	5	12	6
04897	26 in. by 18 in.	3	6	0	04901	26 in. by 18 in.	4	14	6
04898	22 in. by 16 in.	3	0	0	04902	22 in. by 16 in.	4	7	6
04899	18 in. by 14 in.	2	10	0	04903	18 in. by 14 in.	4	0	0

Aseptic Hospital Furniture, etc.—Contd.—



04904-11

No.	**Instrument Tables,** with Tubular Iron Frames—**Contd.**—	£	s.	d.
	Table, with nickel-plated rail and plate-glass top and shelf, with polished edges; mounted on 3-in. rubber-tyred castors—			
04904	Ordinary, white enamelled, 30 in. by 18 in.	4	15	0
04905	,, ,, ,, 26 in. by 18 in.	4	4	0
04906	,, ,, ,, 22 in. by 16 in.	3	12	6
04907	,, ,, ,, 18 in. by 14 in.	3	3	0
04908	"Non-chip," vitreous enamelled, 30 in. by 18 in.	6	6	0
04909	,, ,, ,, 26 in. by 18 in.	5	12	6
04910	,, ,, ,, 22 in. by 16 in.	5	7	6
04911	,, ,, ,, 18 in. by 14 in.	5	2	6



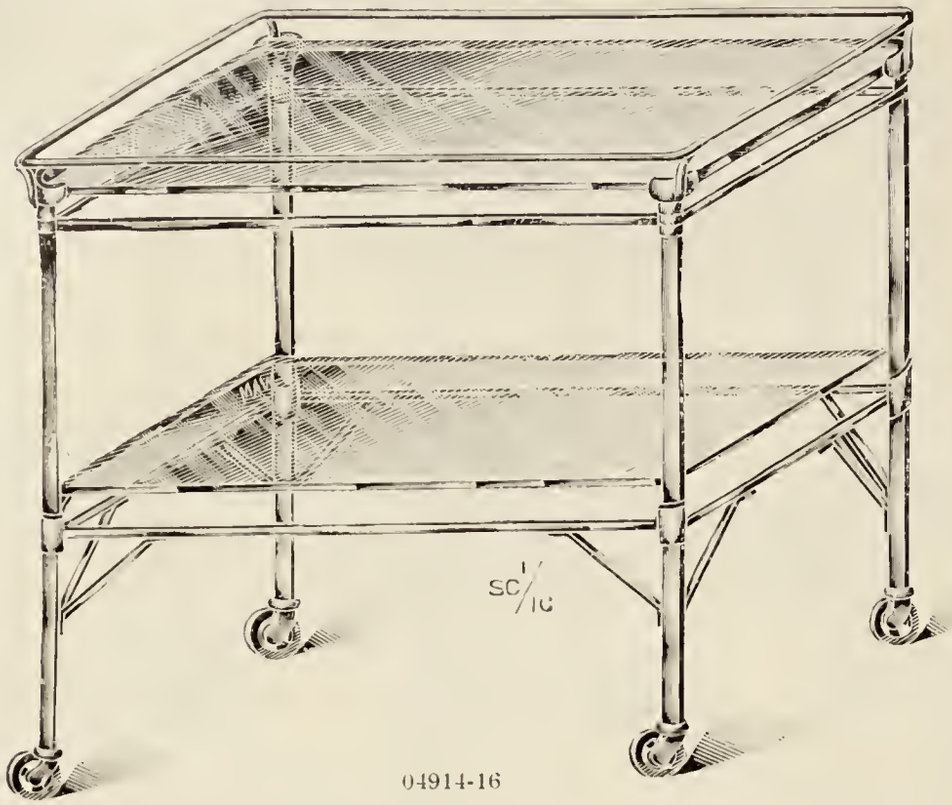
04912-3

Table, with ¼ in. plate-glass top and shelf, German silver rail round 3 sides of top, transverse rail for bottles, two 10-inch enamelled basins in swing-out brackets and gun-metal castors—

04912	Ordinary, white enamelled	5	5	0
04913	"Non-chip," vitreous enamelled	7	7	0

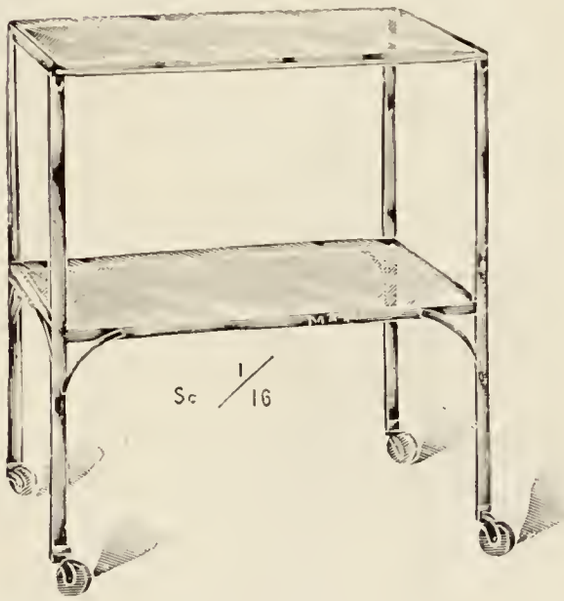
Dimensions, 24 in. by 20 in.

Aseptic Hospital Furniture, etc.—Contd.—

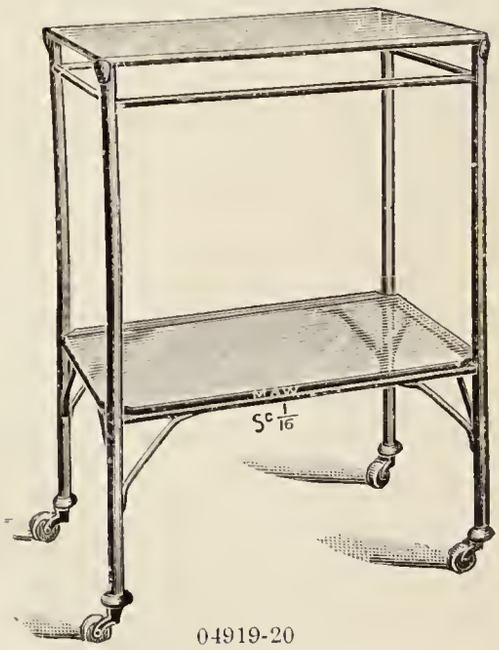


04914-16

No.	Instrument Tables—Contd.—	£	s.	d.
	Table, white enamelled iron, with plate-glass top and shelf, with polished edges, resting on bracket clear of frame and nickel plated rail, mounted on 2½-in. rubber-tyred wheels—			
04914	36 in. by 18 in. by 34 in.	5	17	6
04915	30 in. by 18 in. by 34 in.	5	0	0
04916	24 in. by 16 in. by 34 in.	4	7	6



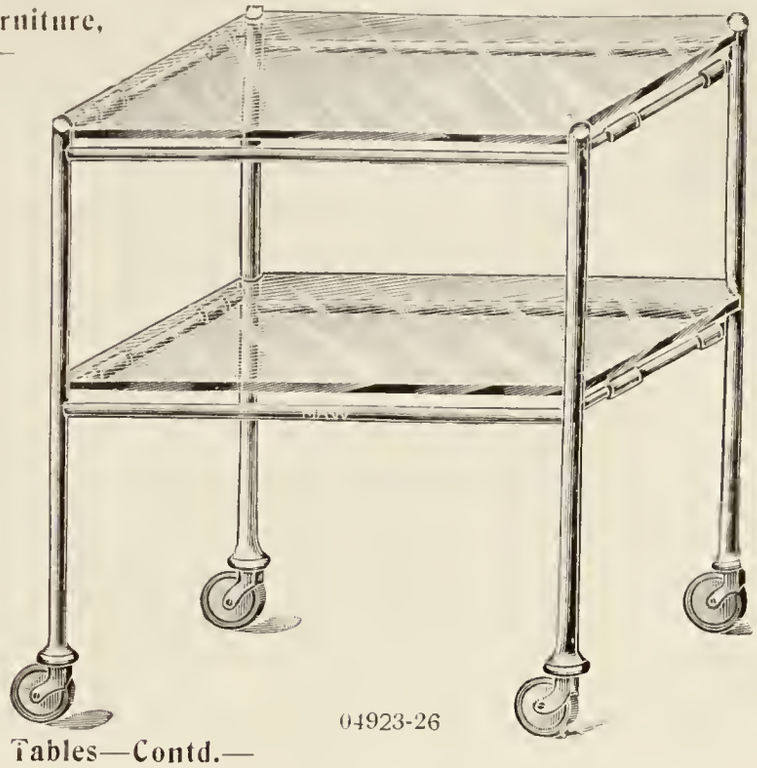
04917-18



04919-20

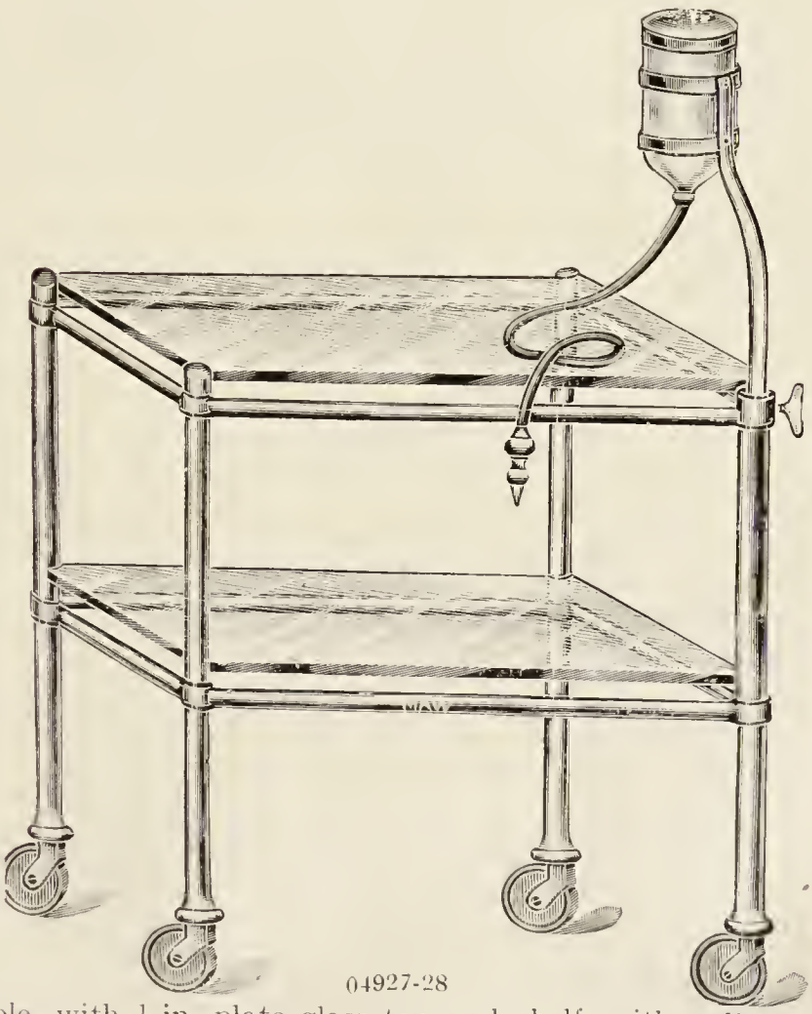
	Table, with tubular frame, nickel-plated corners, plate-glass top and shelf with polished edges, and 2 in. rubber-tyred castors, 18 in. by 14 in.—			
04917	Ordinary, white enamelled	1	16	0
04918	" Non-chip," vitreous enamelled	3	10	0
	Table, with tubular frame, towel rail, plate-glass top and shelf and 2-in. rubber-tyred castors, 26 in. by 16 in.—			
04919	Ordinary, white enamelled	2	12	6
04920	" Non-chip," vitreous enamelled	4	5	0
	Table, with tubular frame, plate-glass top and 2 shelves, all with polished edges and resting on india-rubber buffers; 2-in. rubber-tyred castors, 25 in. by 16 in.—			
04921	Ordinary, white enamelled	3	3	0
04922	" Non-chip," vitreous enamelled	5	0	0

Aseptic Hospital Furniture, etc.—Contd.—



04923-26

No.	Instrument Tables—Contd.—	£	s.	d.
	Table, "non-chip," vitreous enamelled, with plate glass top and shelf, with polished edges, and mounted on 2½-in. rubber-tyred castors			
04923	18 in. by 14 in.	3	10	0
04924	26 in. by 16 in.	3	15	0
04925	30 in. by 18 in.	5	0	0
04926	36 in. by 18 in.	6	0	0



04927-28

Table, with ¼-in. plate glass top and shelf, with polished edges and adjustable irrigator standard which telescopes into the table leg, complete with Irrigator, etc.—

04927	Ordinary, white enamelled	4	0	0
04928	"Non-chip," vitreous enamelled	5	17	6

Dimensions, 30 in. by 18 in. by 34 in.

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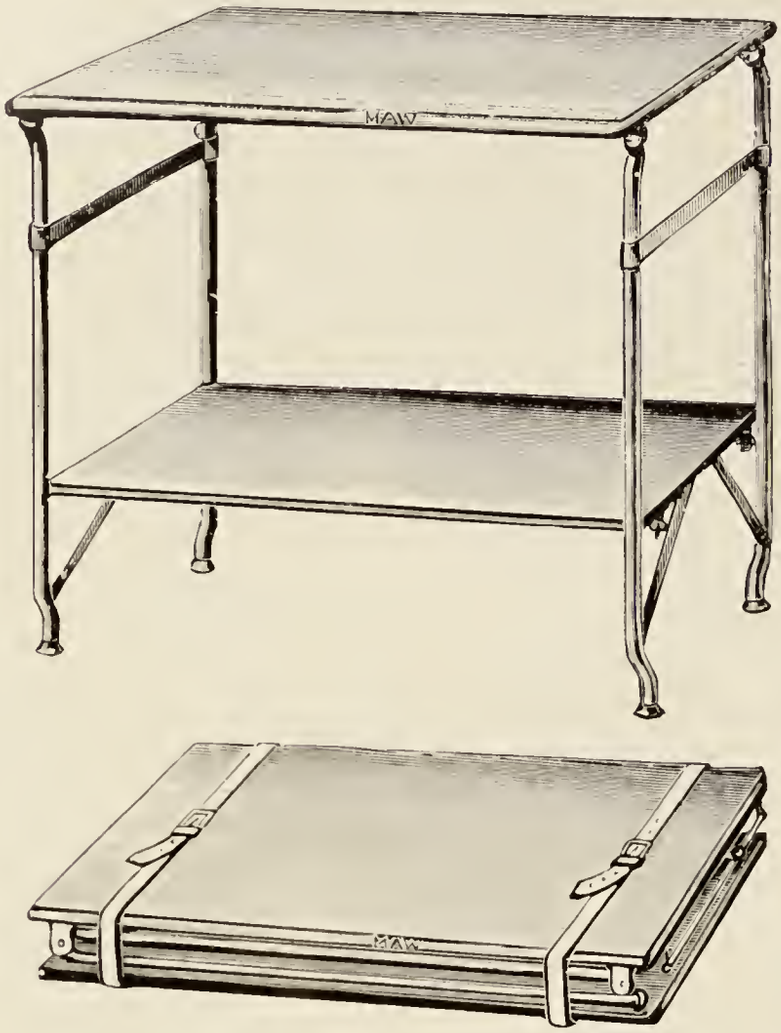
Aseptic Hospital Furniture, etc.—Contd.—



04929

No.	Instrument Tables—Contd.—	£	s.	d.
04929	Portable Folding Table, white enamelled iron, for use at operations in private houses	3	3	0
	Dimensions, open, 36 in. by 22 in. by 34 in.; closed, 36 in. by 22 in. by 5 in.			
	A pair of leather straps with buckles is included in the price of the table.			

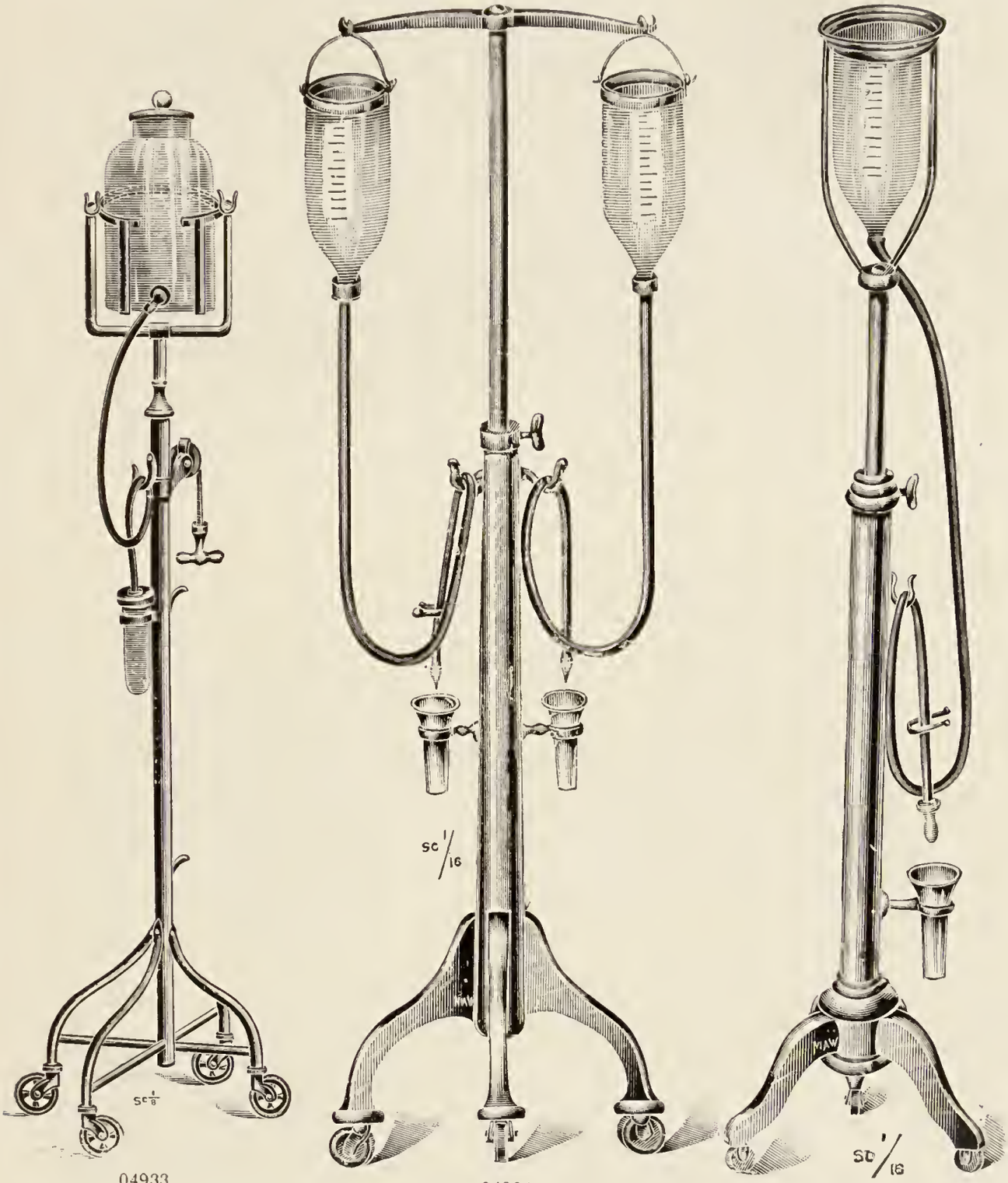
04930

04931

Irrigators, for Theatre use, glass—

04930	St. Bartholomew's Hospital pattern, 2 gallon capacity, with brass collar and handle	1	1	0
04931	Conical pattern, 1 gallon capacity, with collar, lid and handle..	1	6	6
	India-Rubber Tubing for the above, extra per yard 2/3			
04932	Set of nickel-plated pulleys, hooks and fittings, for use with above.. .. . . per set	0	16	6

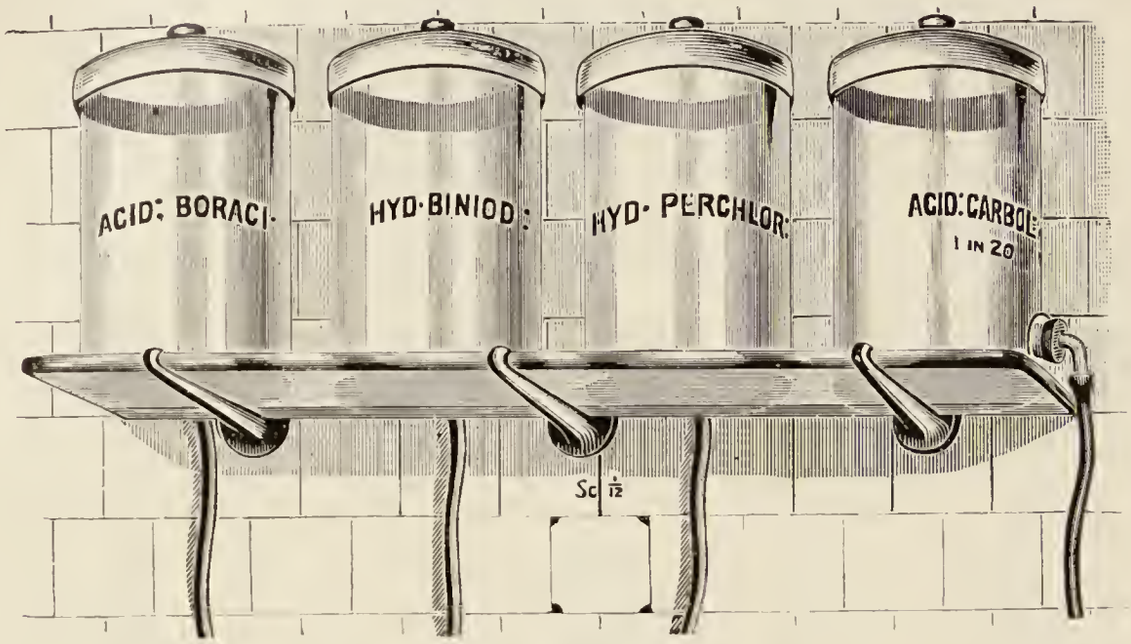
Aseptic Hospital Furniture, etc.—Contd.—



04933 04934 04935

No.	Irrigator Stands—	£	s.	d.
04933	War Office Model, white enamelled iron, with 2½-gallon glass reservoir, 6 ft. of best india-rubber tubing, glass drip catcher, glass wound pipe, pinch cock and 2½-in. rubber-tyred wheels	5	0	0
	The height of this stand can be regulated from 62 ins. to 85 ins. by means of the pulley and steel cord.			
04934	Enamelled Iron Adjustable Stand on tripod base, with 2 gallon glass reservoirs, each fitted with 6 ft. of best india-rubber tubing, glass drip catchers, glass wound pipes and pinch-cocks	7	10	0
04935	Enamelled Iron Stand, as No. 04934, but with one reservoir only, 2 qualities .. .. each £3 15 0 and	6	0	0

Aseptic Hospital Furniture, etc.—Contd.—



04936

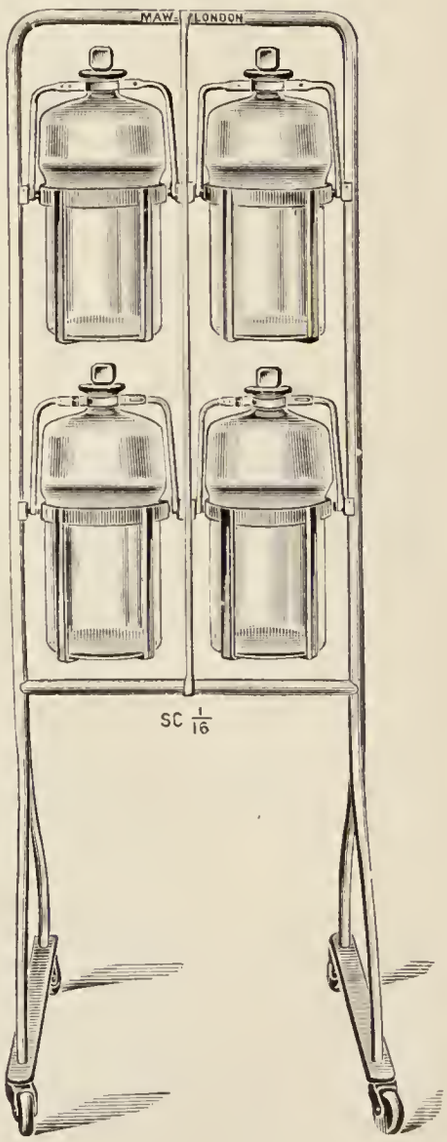
No.		£	s.	d.
04936	**Lotion Jars,** glass, with outside fitting lids, lettered in red, and fitted with india-rubber bung, glass connecting tube, 3 ft. of india-rubber tubing, and pinch-cock, 4 sizes, 1 gal., **14/3** ; 2 gal., **20/3** ; 3 gal., **26 9** ; 4 gal.	1	9	3

The jar at the right-hand side of the engraving shows the method of fitting. It will be observed that the opening of the bent glass tubing which pierces the bung is situated at some little distance from the bottom of the vessel. The reason of this is to prevent any sediment which might happen to collect at the bottom from being drawn off with the lotion. The object of turning the vessels with the bung to the wall is to prevent a nurse from tilting them in order to obtain lotion when they are nearly empty.

Lotion Bottle Stands—

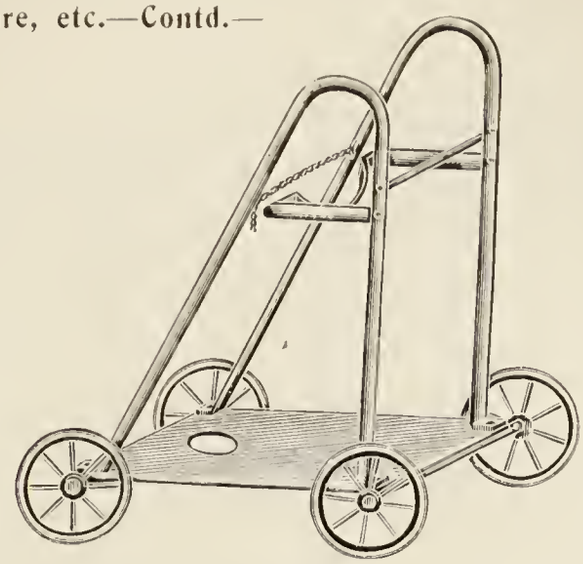
		£	s.	d.
	Two-Bottle Stand, on 3-in. rubber-tyred wheels—			
04937	Ordinary, white enamelled	5	17	6
04938	" Non-chip," vitreous enamelled	9	5	0
	Four-Bottle Stand, on 3 in. rubber-tyred wheels—			
04939	Ordinary, white enamelled	10	0	0
04940	" Non-chip," vitreous enamelled	15	10	6
	Six-Bottle Stand, on 3-in. rubber-tyred wheels—			
04941	Ordinary, white enamelled	15	0	0
04942	" Non-chip," vitreous enamelled	23	0	0
	Each of the above stands is supplied with 2½-gallon glass bottles.			
04943	Name of lotion in red letters, deeply engraved, extra per bottle	0	3	0

For other Lotion Bottles and Jars see page 609.



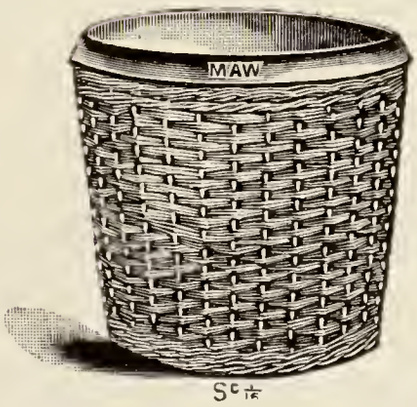
04939-40

Aseptic Hospital Furniture, etc.—Contd.—

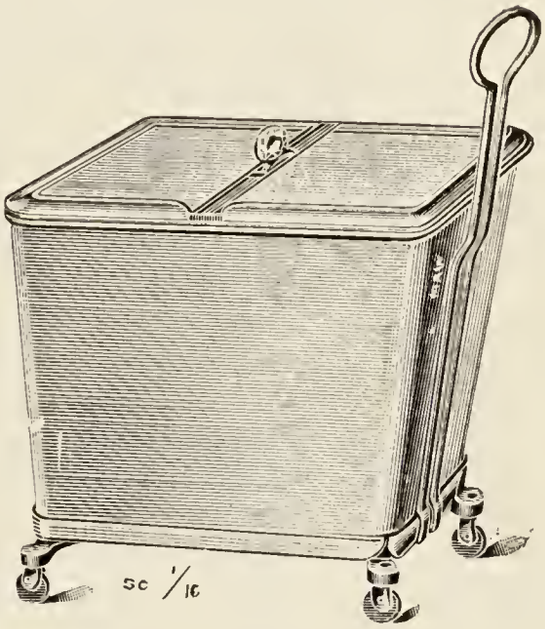


04944

No.		£	s.	d.
04944	**Oxygen Cylinder Stand,** white enamelled iron, mounted on 5 in. rubber-tyred wheels	3	3	0
	Dimensions—Height 27 in., length 19 in., width 9 in.			



04945



04946

Receptacles for Soiled Dressings, etc.—

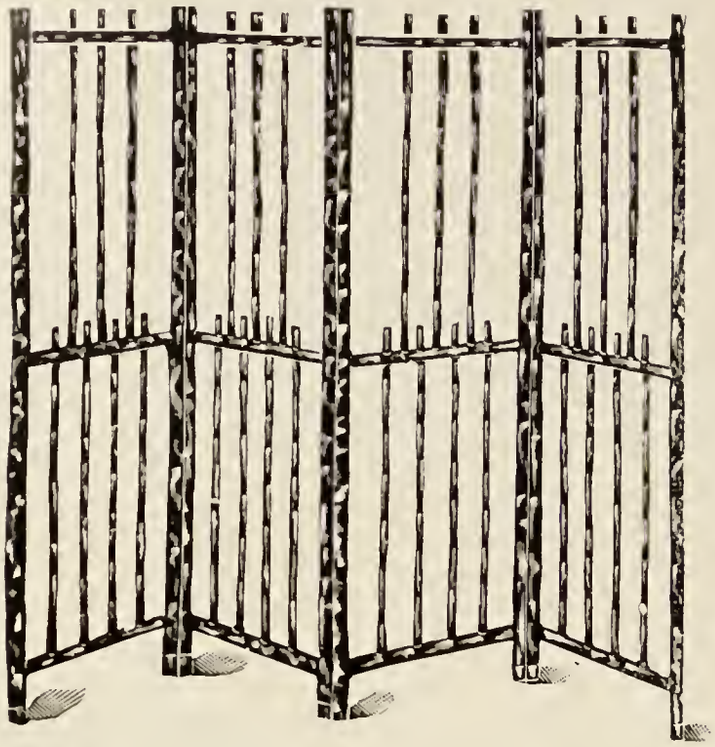
04945	Basket, wicker, lined with tin, $11\frac{1}{2}$ in.	0	10	0
04946	Box, nickel-plated, with all inside angles and corners rounded, fitted with handle and mounted on $1\frac{1}{2}$-in. wheels	5	5	0
	Outside dimensions—Length, 21 in.; width, 14 in. Height, 20 in.			

04947

04948

04947	Pail, white enamelled iron, with lid, 2 sizes 10 in., 3/- ; 11 in.	0	3	6
04948	Do. do. do. $10\frac{1}{2}$ in.	0	6	6

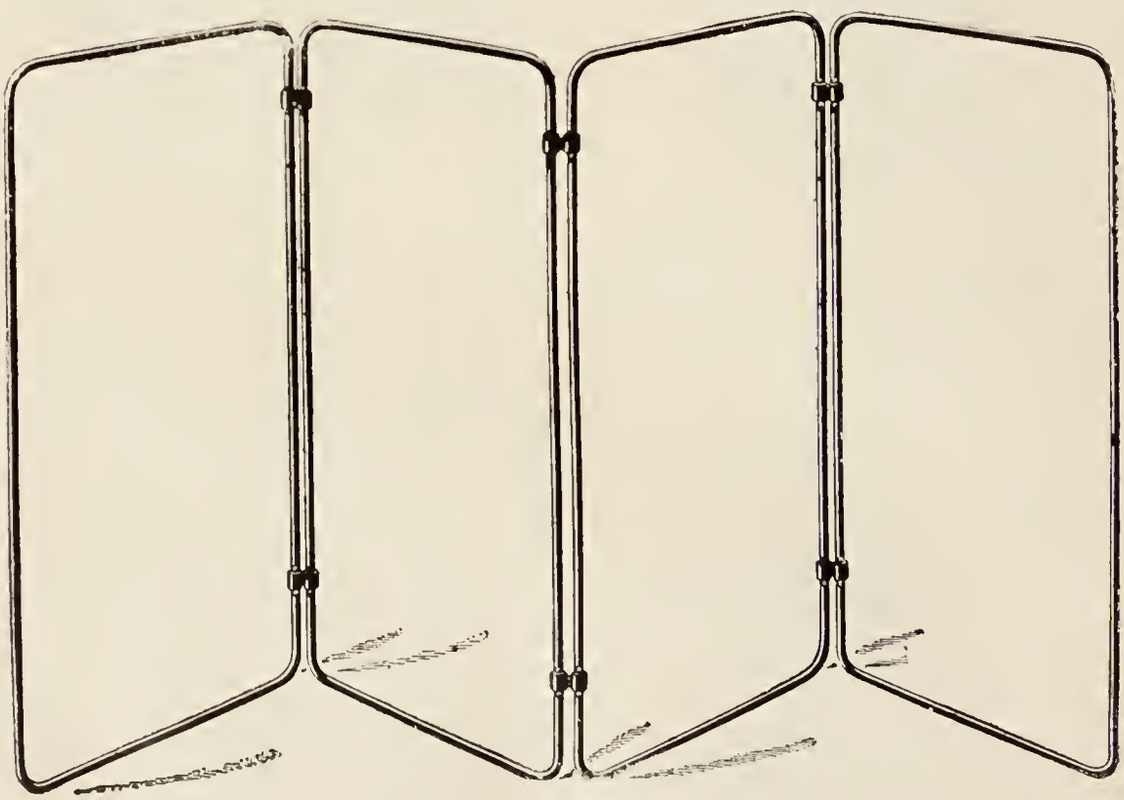
Aseptic Hospital Furniture, etc.—Contd.—



04949

No.	Screens—	£	s.	d.
04949	Bamboo, 4-fold	0	17	6
04950	Linen Covers for do. .. ..per set	0	8	0

Dimensions—Height, 5 ft. 6 in. ; width of each fold, 24 in.



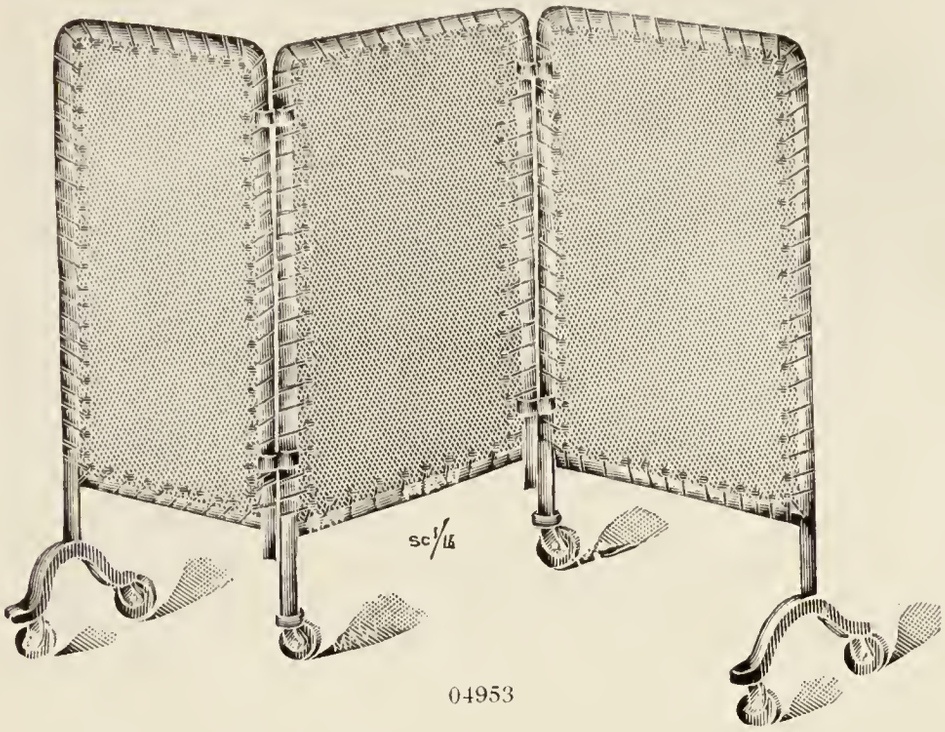
04951

04951	Enamelled Iron (black), 4-fold, complete with 1 linen cover ..	1	13	0
04952	Spare linen covers for ditto, complete with tapes.. .. each	0	15	6

Dimensions—Height, 5 ft. 6 in. ; width of each fold, 24 in.

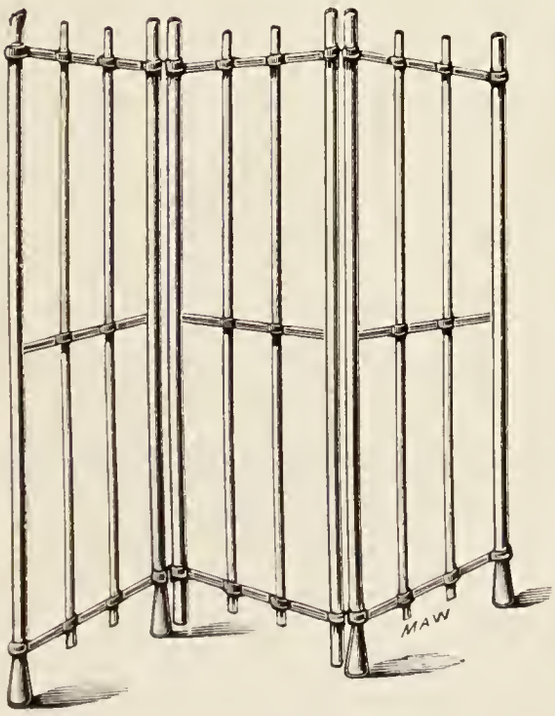
The cover is made all in one piece like a bag and is slipped over the frame work of the screen and fastened at the open ends by means of tapes.

Aseptic Hospital Furniture, etc.—Continued.—

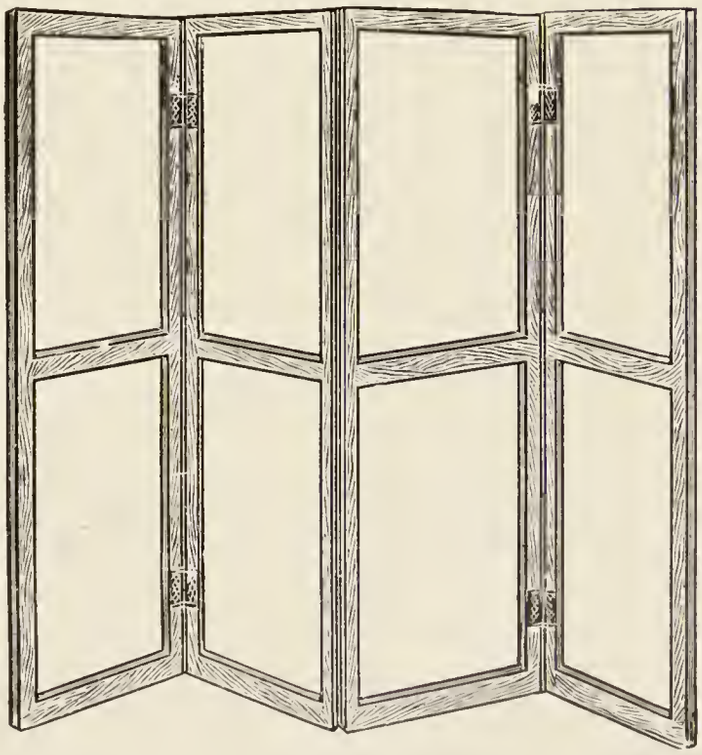


04953

No.	Screens—Contd.—	£	s.	d.
04953	Enamelled iron (white), 3-fold, with canvas covers to lace, mounted on rubber tyred castors	4	7	6
04954	Spare Covers for do. .. ..per set ..	1	1	0
	Dimensions—Height, 5 ft. 6 in.; width of each fold, 24 in.			



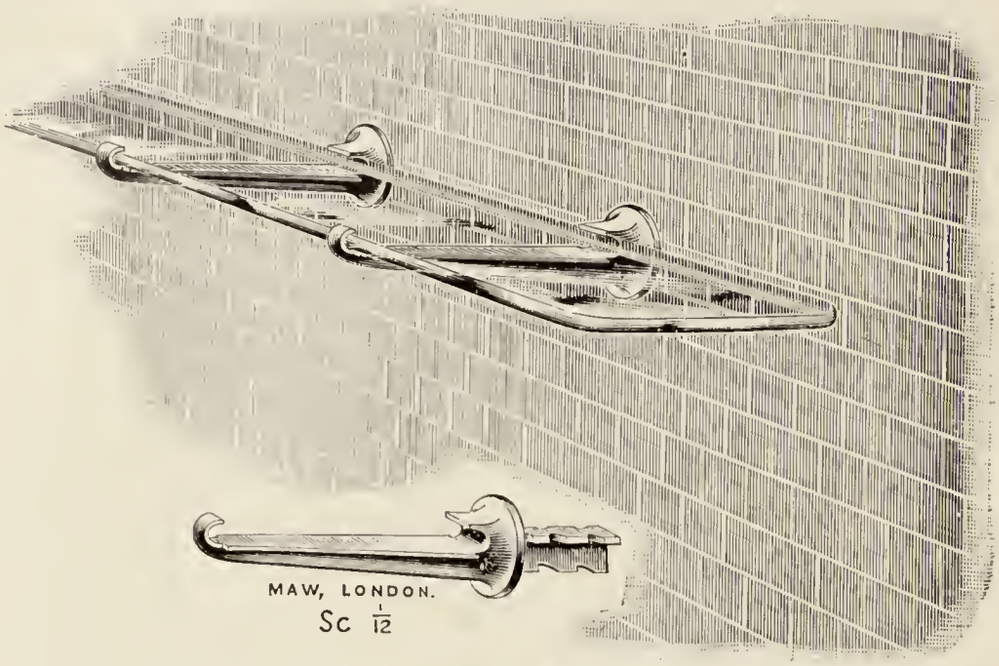
04955



04960

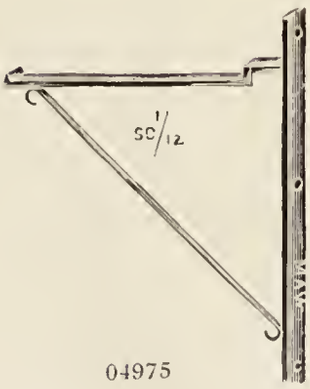
04955	Wood, 3-fold, with 4 uprights in each fold	1	10	0
04956	Do. do. with 6 uprights in each fold	1	17	6
04957	Linen Covers for do. .. ..per set	0	6	0
	Dimensions—Height, 5 ft. 6 in.; width of each fold, 24 in.			
04958	Wood, plain deal, 3-fold	0	7	6
04959	Linen Covers for ditto .. ..per set	0	6	0
04960	Wood, plain deal, 4-fold	0	10	0
04961	Linen Covers for ditto .. ..per set	0	8	0
	Dimensions—Height, 5 ft. 6 in.; width of each fold, 30 in.			

Aseptic Hospital Furniture, etc.—Contd.—



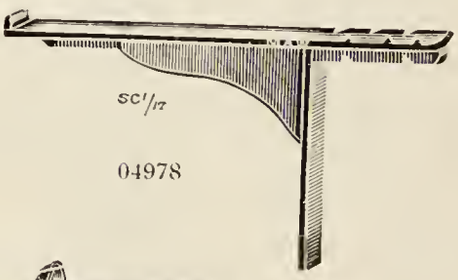
04972-74

No.	Shelves and Brackets—	£	s.	d.
	Plate-Glass Shelves, with polished edges and rounded corners—			
04962	To hold 1 Lotion Jar, No. 04936, 12 in. by 10 in. by ½ in...	0	5	0
04963	To hold 2 do. do. 26 in. by 10 in. by ½ in...	0	9	6
04964	To hold 3 do. do. 38 in. by 10 in. by ⅝ in...	0	16	0
04965	To hold 4 do. do. 50 in. by 10 in. by ⅝ in...	1	1	0
	Any size cut to order.			
	Enamelled Slate Shelves, for Sterilisers, etc.—			
04966	14 in. by 10 in. by ¾ in...	0	3	0
04967	16 in. by 10 in. by ¾ in...	0	3	6
04968	18 in. by 11 in. by ¾ in...	0	4	6
04969	20 in. by 12 in. by 1 in...	0	5	6
04970	24 in. by 14 in. by 1 in...	0	7	0
04971	30 in. by 16 in. by 1 in...	0	10	0
	Slate shelves are recommended for sterilisers in preference to glass or marble, as both the latter are liable to crack with heat.			
	Bracket, with turned-over end—			
04972	Brass .. .. each, 8 in., **12/-** ; 10 in.	0	15	0
04973	Nickel-plated .. .. .. each, 8 in., **16/6** ; 10 in.	0	19	6
04974	Vitreous enamelled each, 8 in., **9/6** ; 9 in., **10/6** ; 10 in.	0	11	6

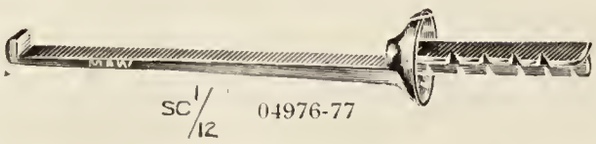


04975

04979



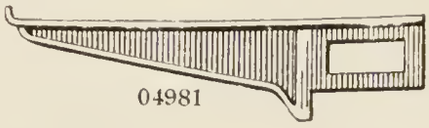
04978



04976-77

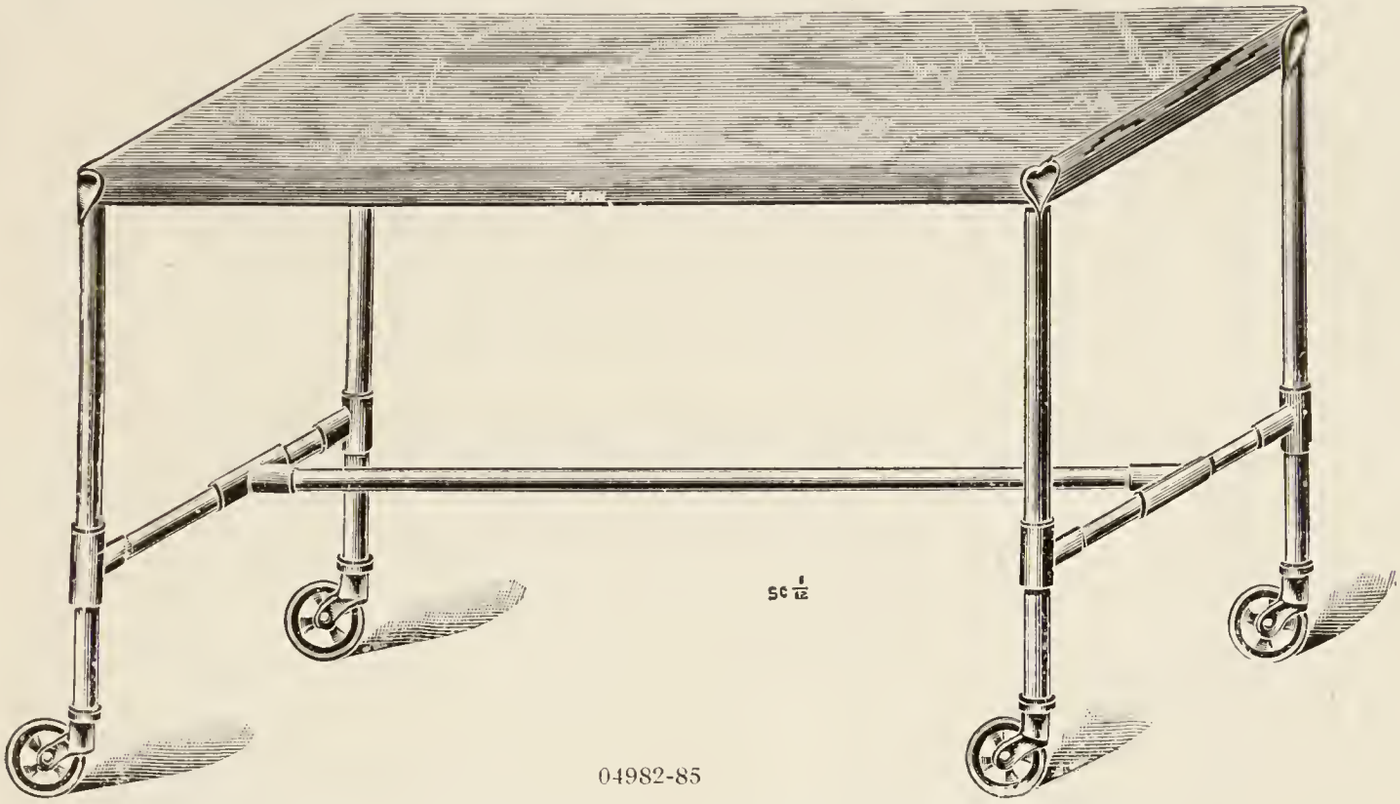
04975	Bracket, white enamelled iron .. each, 8 in., **6/-** ; 10 in.	0	7	0
04976	Do. with upright end, brass .. each, 8 in., **12/-** ; 10 in.	0	15	0
04977	Do. Nickel-plated .. .. .. 8 in., **16/6** ; 10 in.	0	19	6
04978	Do. " Cantilever," white enamelled iron, 8 in., **6/6** ; 10 in.	0	7	6
04979	Do. brass, to hold glass medicine shelf at head of bed, with hooks for chart board, etc. per pair, 5 in., **14/-** ; 3½ in.	0	12	0
04980	Plate-glass shelf, ¼ in. thick, with polished edges, for use with Brackets No. 04979 16 in. by 3½ in., **2/-** ; 16 in. by 5 in.	0	2	6

Aseptic Hospital Furniture, etc.—Contd.—



04981

No.	Shelves and Brackets—Contd.—	£	s.	d.
04981	Bracket, vitreous enamelled, each, 10 in., 6/- ; 11 in., 6/6 ; 12 in.	0	7	0

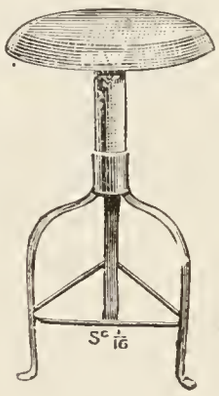


04982-85

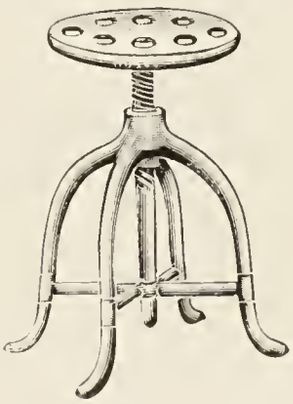
Steriliser Table, War Office model, with tubular frame, 1-in. marble top and 2½-in. rubber-tyred castors, height 24 in.—

04982	48 in. by 20 in. ordinary, white enamelled	4	17	6
04983	Do. " non-chip," vitreous enamelled	9	2	6
04984	36 in. by 20 in. ordinary, white enamelled	4	12	6
04985	Do. " non-chip," vitreous enamelled	8	12	6

04986-87



04988-90

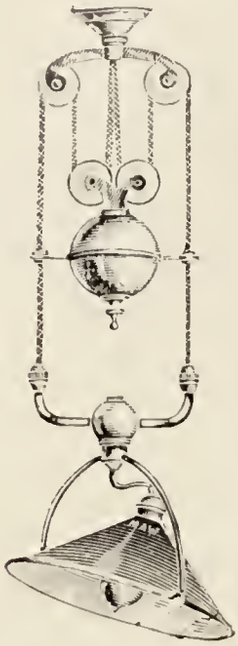


04993-94

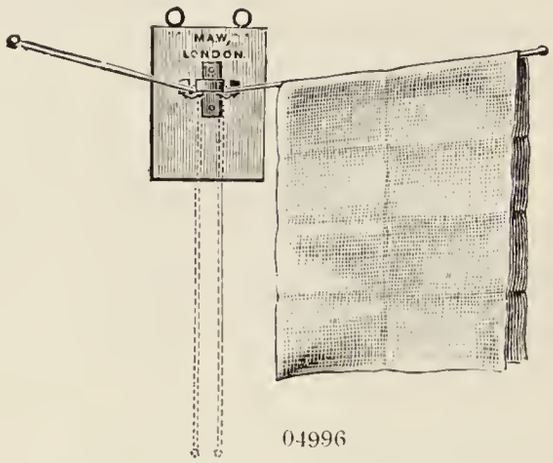
Stools—

04986	With fixed top, ordinary white enamelled	1	5	0
04987	Do. do. " non-chip," vitreous enamelled, with nickel-plated top	2	5	0
04988	With adjustable screw top, ordinary white enamelled	1	5	0
04989	Do. do. do. " B " quality	1	1	0
04990	Do. do. do. " non-chip," vitreous enamelled, with nickel-plated top	4	10	0
04991	Do. do. do. extra high, for anæsthetist, ordinary white enamelled	1	8	0
04992	Do. do. do. do. " non-chip," vitreous enamelled	4	14	6
04993	With broad base and adjustable screw top, ordinary white enamelled	1	15	6
04994	Do. do. do. " non-chip," vitreous enamelled, with nickel-plated top	4	6	6

Aseptic Hospital Furniture, etc.—Contd.—



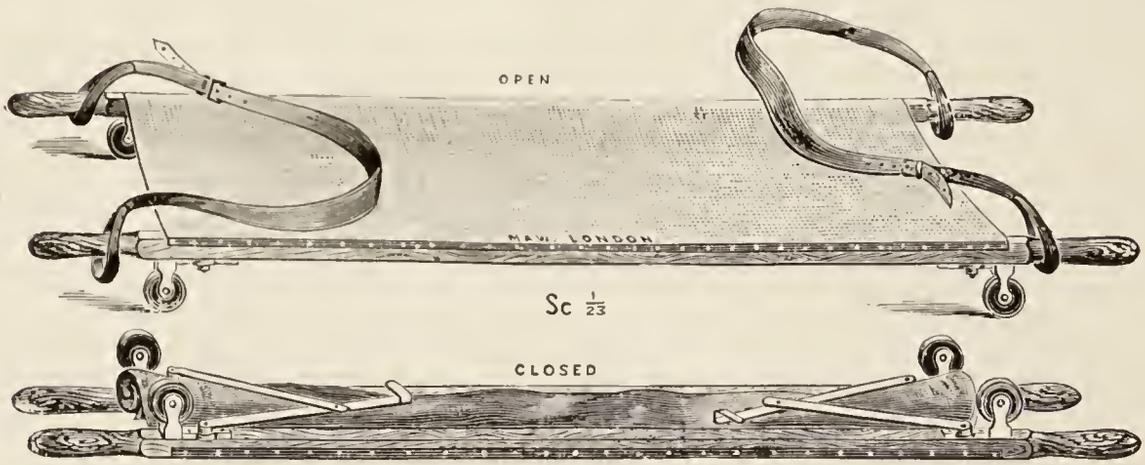
04995



04996

04997

No.		£	s.	d
04995	**Theatre Lamp,** Electric, for use during operations, so balanced that it will hang in any position	1	5	0
	Towel Hangers—			
04996	Nickel-plated, to hang on wall, with 2 arms, **19/6** ; with 3 arms	1	10	0
04997	Do. do. with 3 arms	0	8	6



04998

Trolleys and Stretchers, etc.—

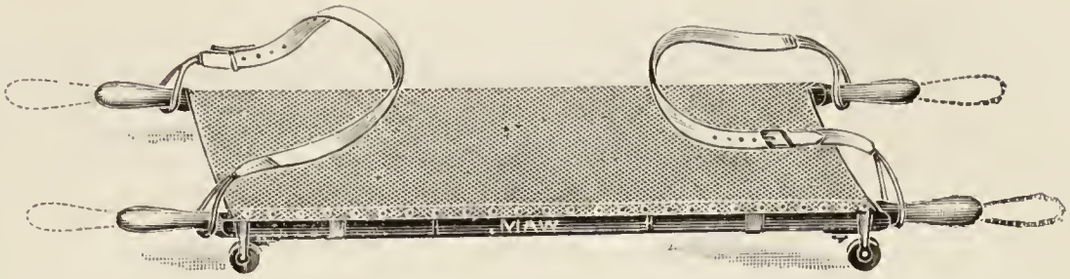
04998	Hand Stretcher, Army regulation model, with $1\frac{3}{4}$-in. ash poles..	3	0	0
04999	Do. do. do. "B" quality, with webbing sling straps	2	0	0

The canvas is fastened to the poles by copper nails driven through an edging of leather. The poles are square, except at the handles, and are kept apart the required distance by two jointed wrought-iron galvanised bars, which, when in position, are made to lock so that they cannot become accidentally closed at an inopportune moment. Four brackets are fitted to the under surface of the poles carrying 3-in. rollers, by means of which the stretcher may be wheeled along the floor of an ambulance waggon. A pair of leather shoulder slings, which also serve the purpose of confining the package when not in use, are provided with the stretcher.

05000

05000	Hand Stretcher, "Factory" model, plain brown canvas, with ash poles	1	2	6

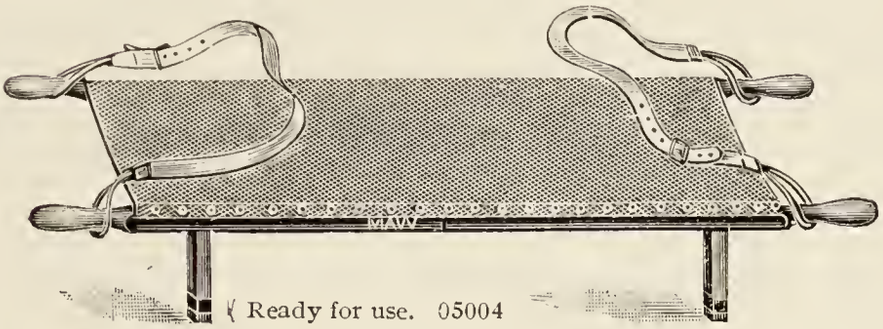
Aseptic Hospital Furniture, etc.—Contd.—



05001

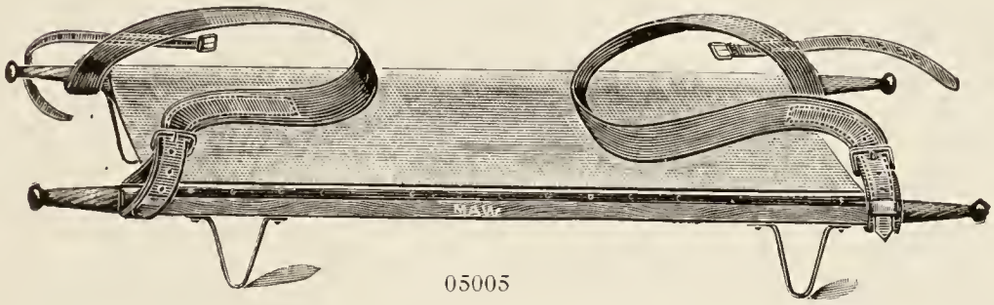
Trolleys, Stretchers, etc.—Contd.—

No.		£	s.	d.
05001	Furley Model, with telescopic handles (72 × 22 in. with handles in)	2	5	0
05002	Do. do., with ordinary fixed handles..	1	16	0
05003	Webbing Sling Straps, extra..	0	6	0



Ready for use. 05004

Folded for carrying.
05004

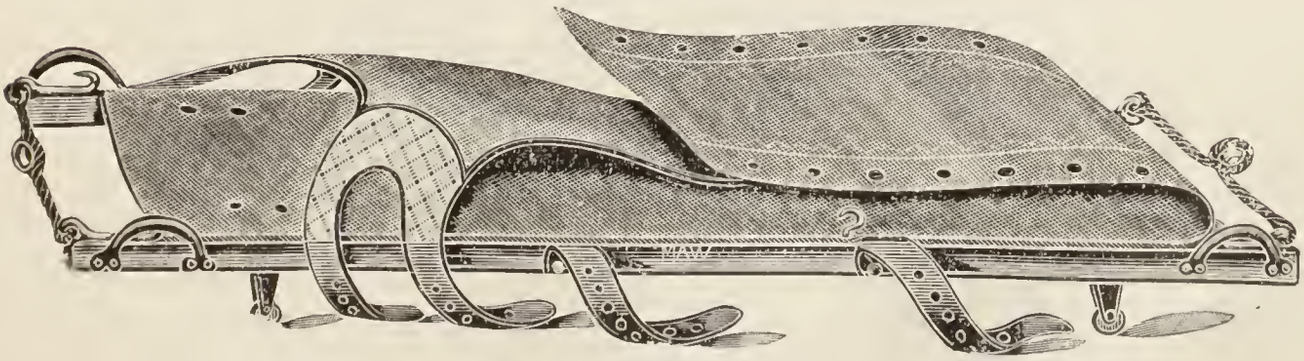


05005

05005

05004	Weber's, dividable into two parts, so that each part may be separately carried on a soldier's back..	3	0	0
05005	Red Cross Society's Model (7 ft. 9 in. by 1 ft. 11 in.), with webbing sling straps, folding traverses and iron loop legs	1	5	0

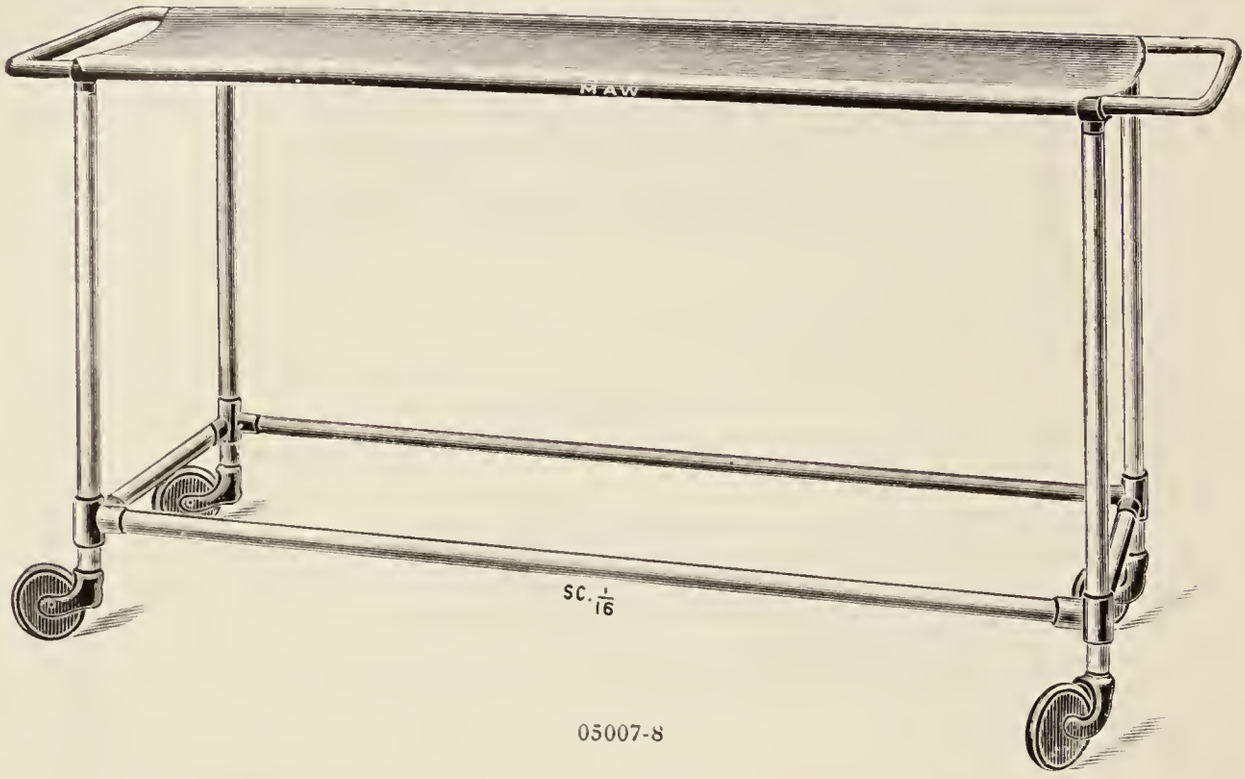
An allowance of 4/- will be made if the webbing sling straps are not required.



05006

05006	The "Miners'" Stretcher, for carrying an injured person up the pit shaft, 7 ft. by 2 ft. 3 in., with ash poles and folding iron traverses	5	5	0

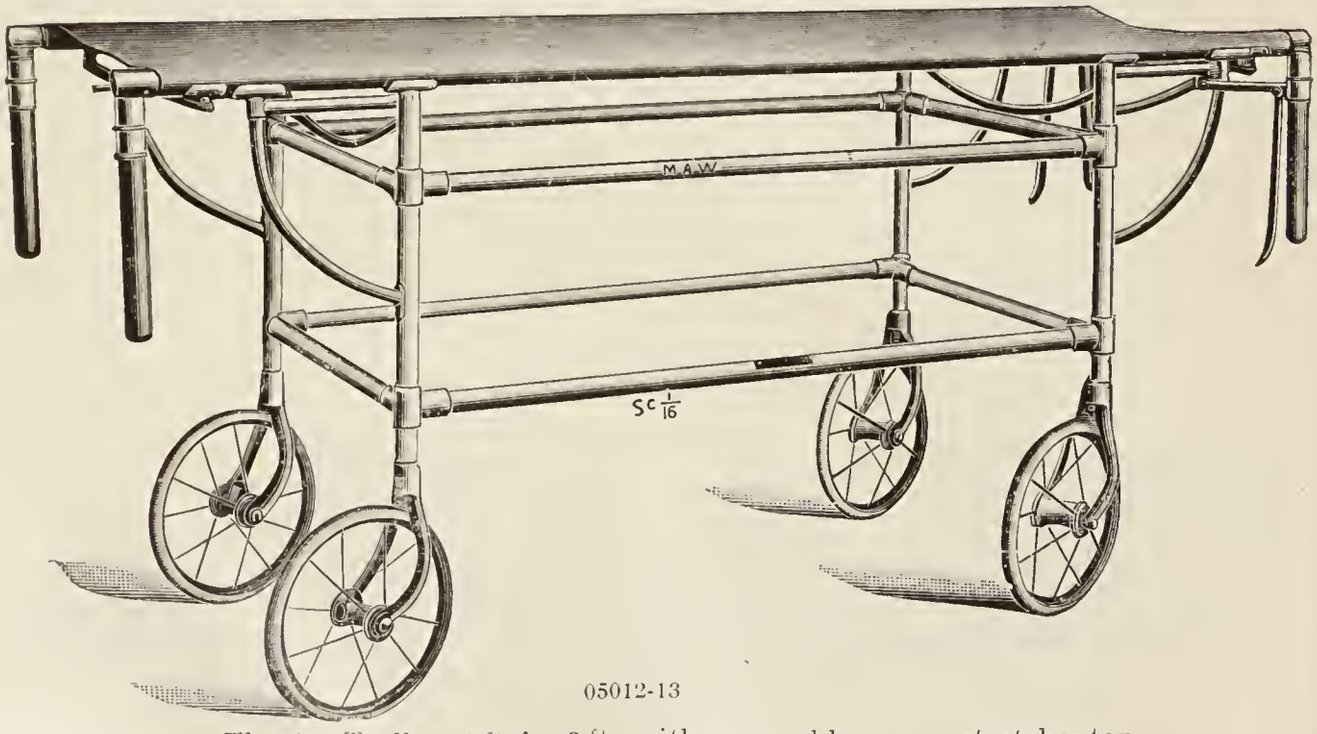
Aseptic Hospital Furniture, etc.—Contd.—



05007-8

Trolleys, Stretchers, etc.—Contd.—

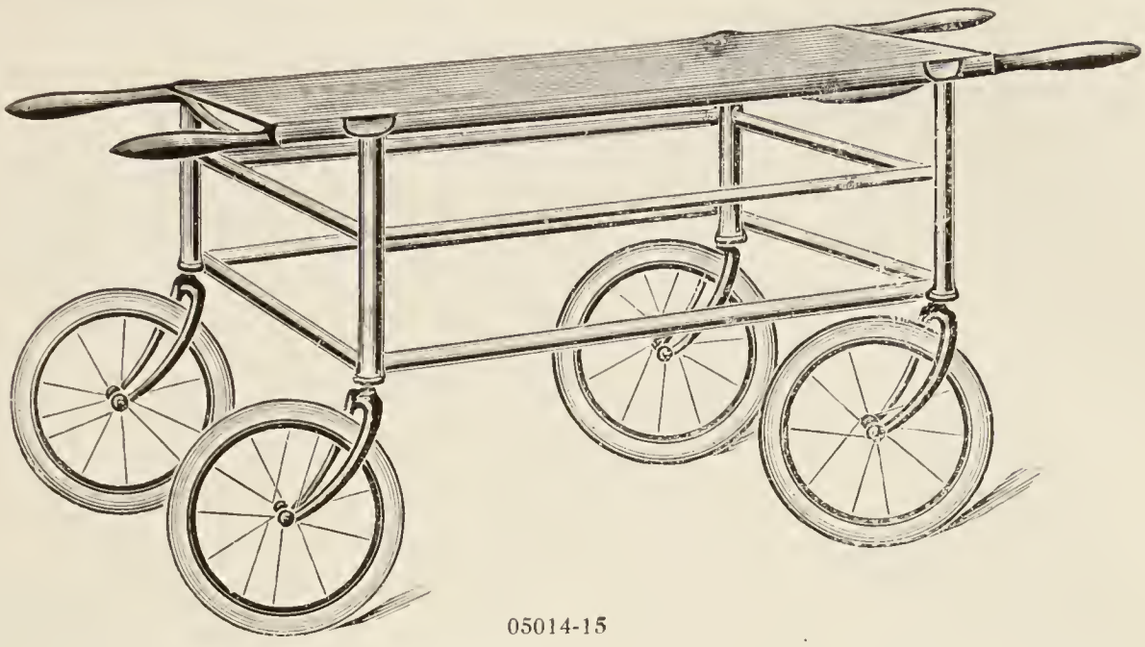
No.		£	s.	d.
	Theatre Trolley, 6 ft. 6 in. by 1 ft. 10 in., with polished zinc top, nickel-plated hand rails, and rubber-tyred wheels—			
05007	Ordinary, white enamelled	8	5	0
05008	" Non-chip " vitreous enamelled	10	10	0
05009	Guard Rail on either side, extra	0	15	0
	Theatre Trolley, as No. 05007, but fitted with stump feet at one end and central wheel which can be put out of action at will—			
05010	Ordinary, white enamelled	10	10	0
5011	" Non-chip," vitreous enamelled	11	15	0



05012-13

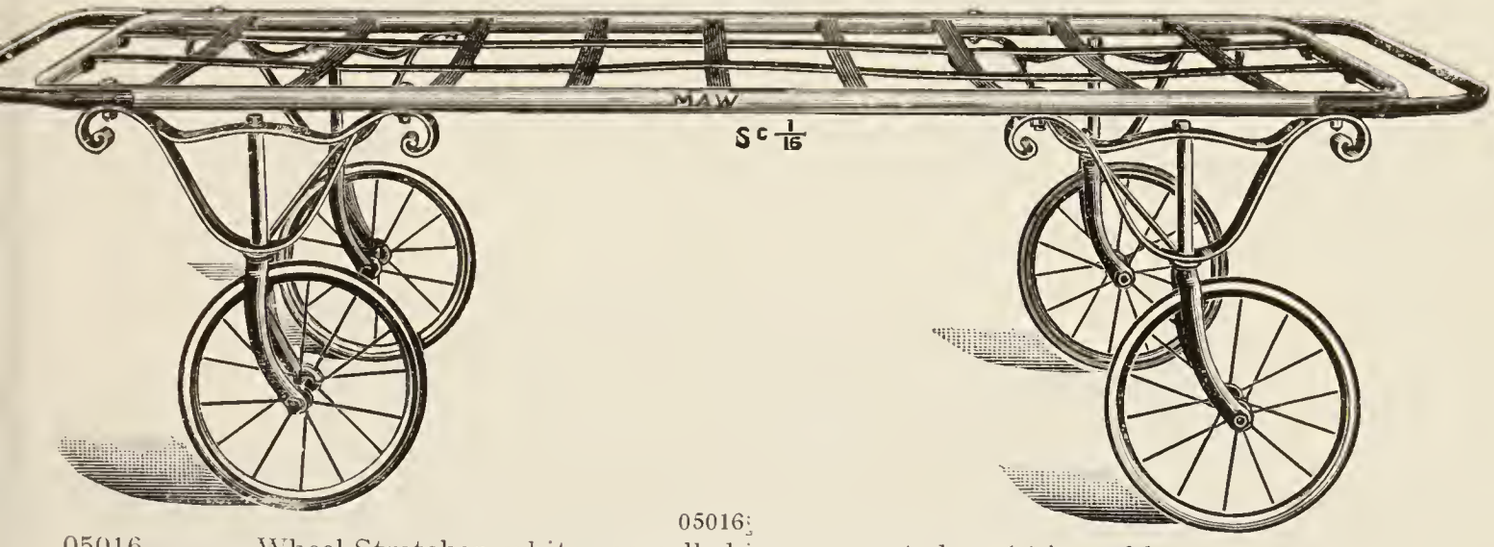
	Theatre Trolley, 6 ft. by 2 ft., with removable canvas stretcher top, drop-down handles, and 10 in. rubber-tyred wheels with revolving brackets, the 2 back wheels operated on by lever brakes—			
05012	Ordinary, white enamelled	15	10	0
05013	" Non-chip," vitreous enamelled	20	12	6

Aseptic Hospital Furniture, etc.—Contd.—



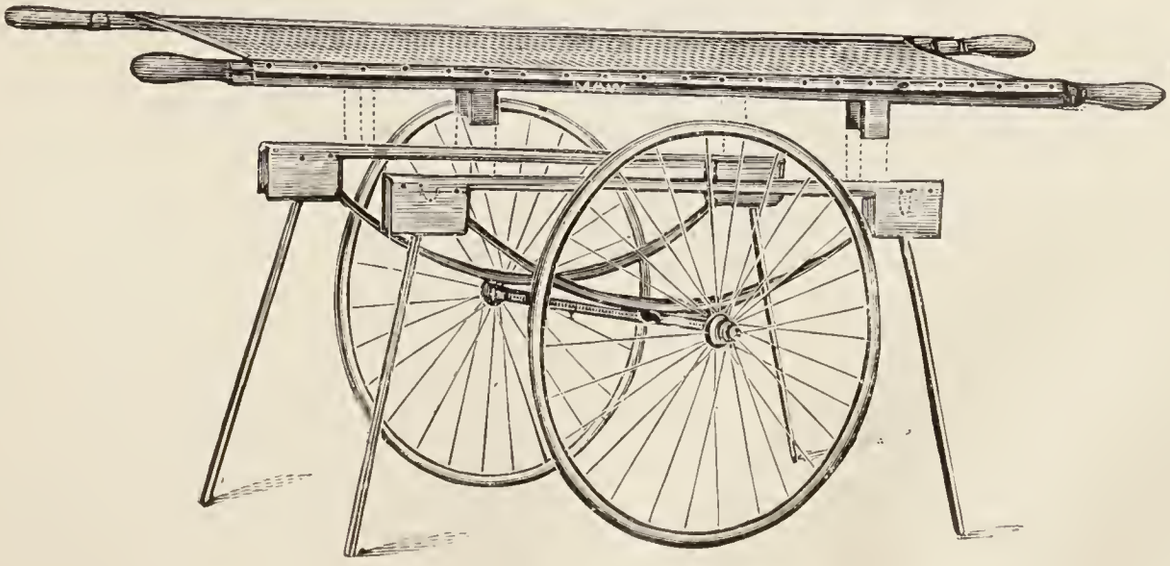
05014-15

No.	Trolleys, Stretchers, etc.—Contd.—	£	s.	d.
	Theatre Trolleys, with lift-off canvas stretcher top and 10 in. aluminium painted wheels with rubber tyres—			
05014	Ordinary, white enamelled	7	7	0
05015	"Non-chip," vitreous enamelled	11	5	0



05016

05016	Wheel Stretcher, white enamelled iron, mounted on 14-in. rubber-tyred wheels, with swivel movement; length, 5 ft. 10 ins., not including hand rails..	10	0	0

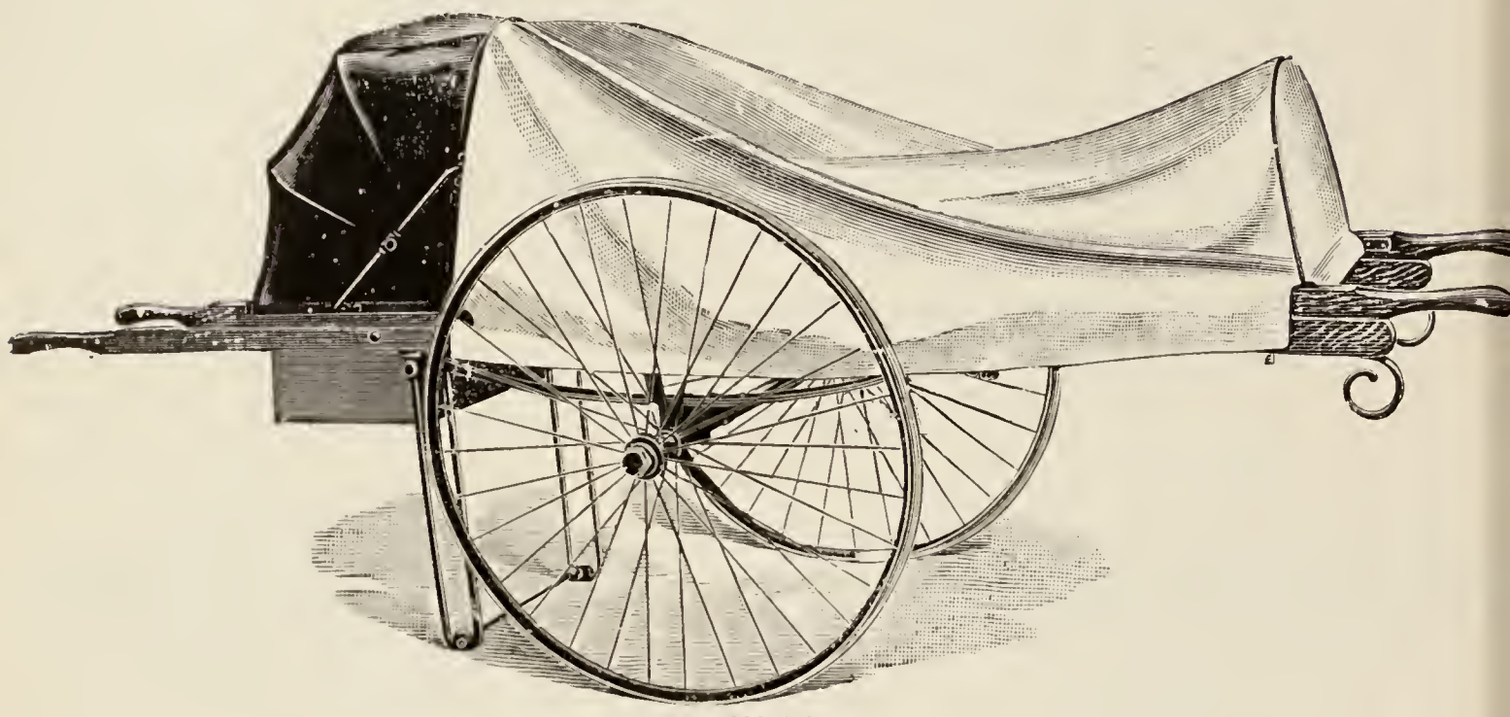


05017

Aseptic Hospital Furniture, etc.—Contd.—

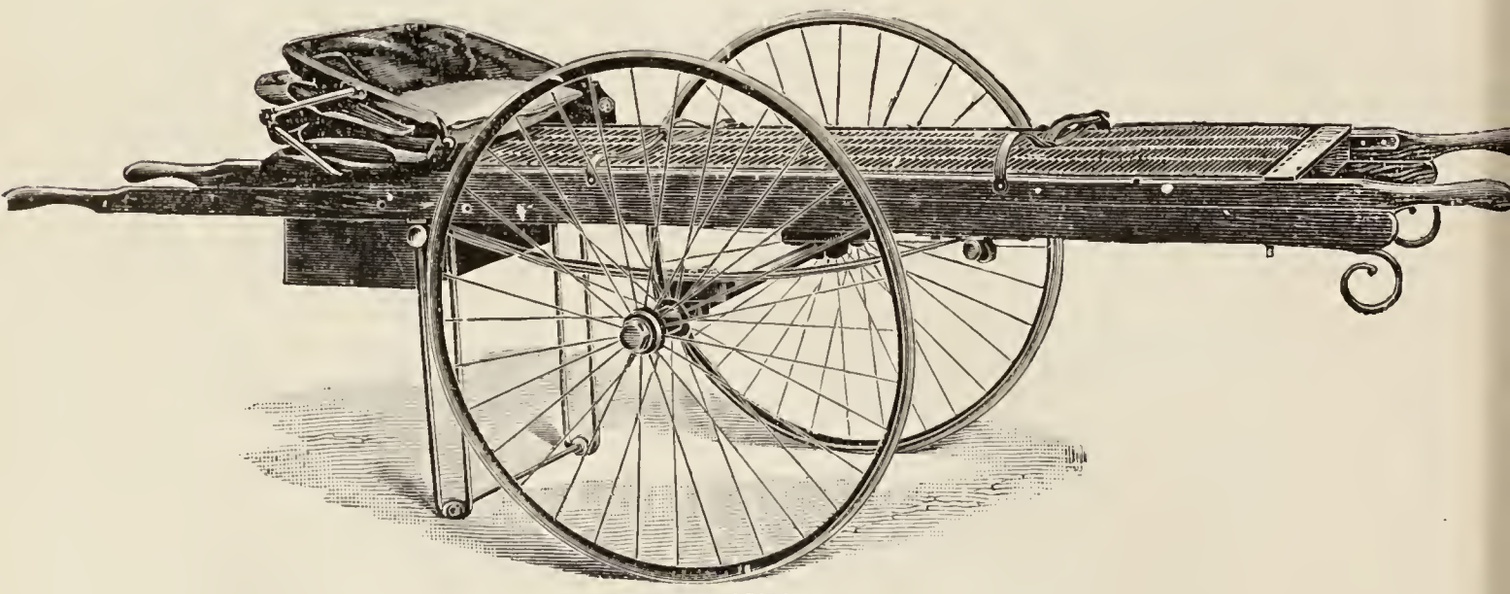
Trolleys, Stretchers, etc.—Contd.—

No.		£	s.	d.
05017	St. John's Ambulance Model, consisting of stretcher on detachable under-carriage with 28 in. wired-on rubber-tyred bicycle wheels, and brown canvas cover	13	10	0
05018	Under-carriage only	10	10	0



05019-20

WITH HOOD AND APRON IN POSITION.

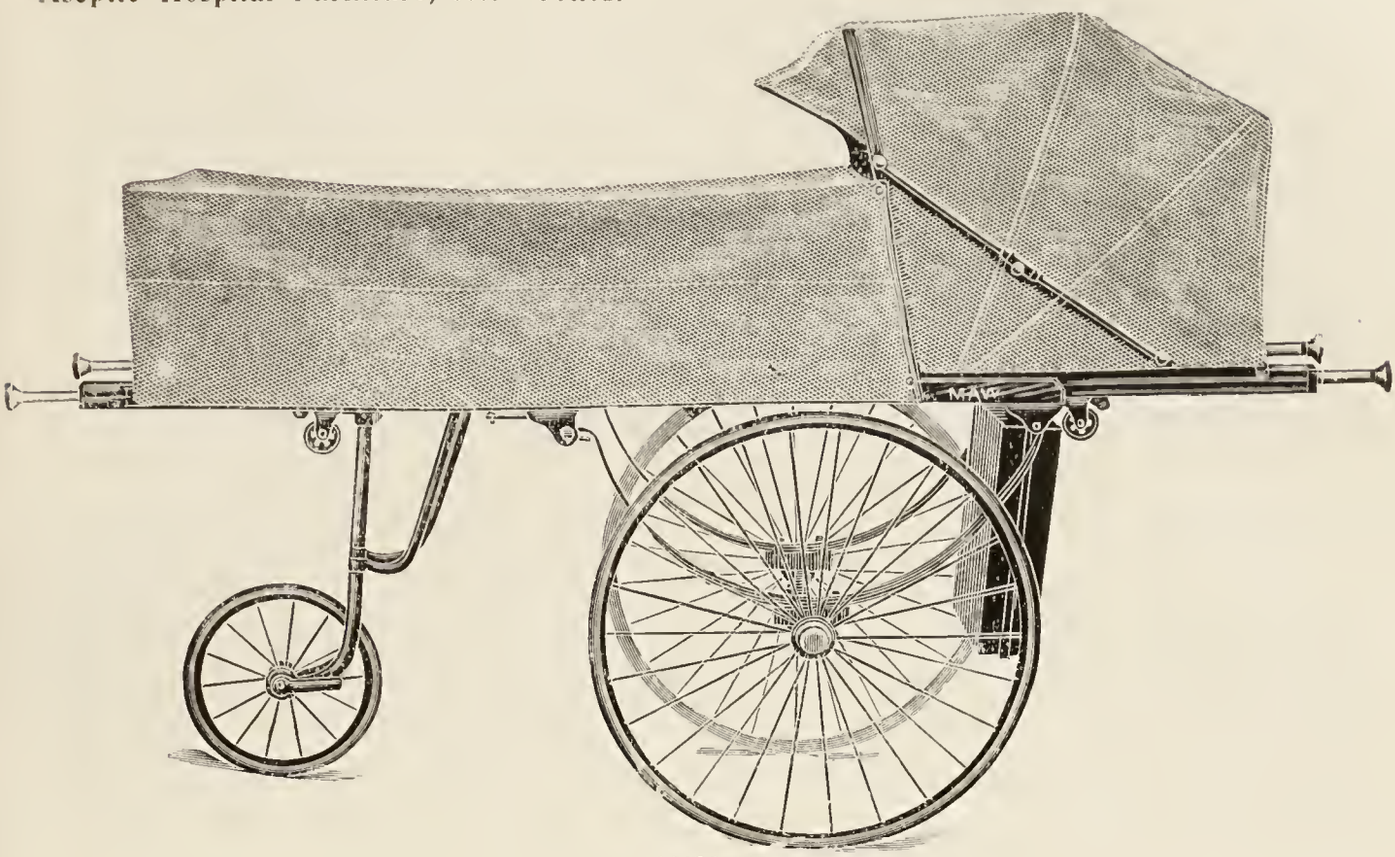


05019-20

WITH HOOD DOWN.

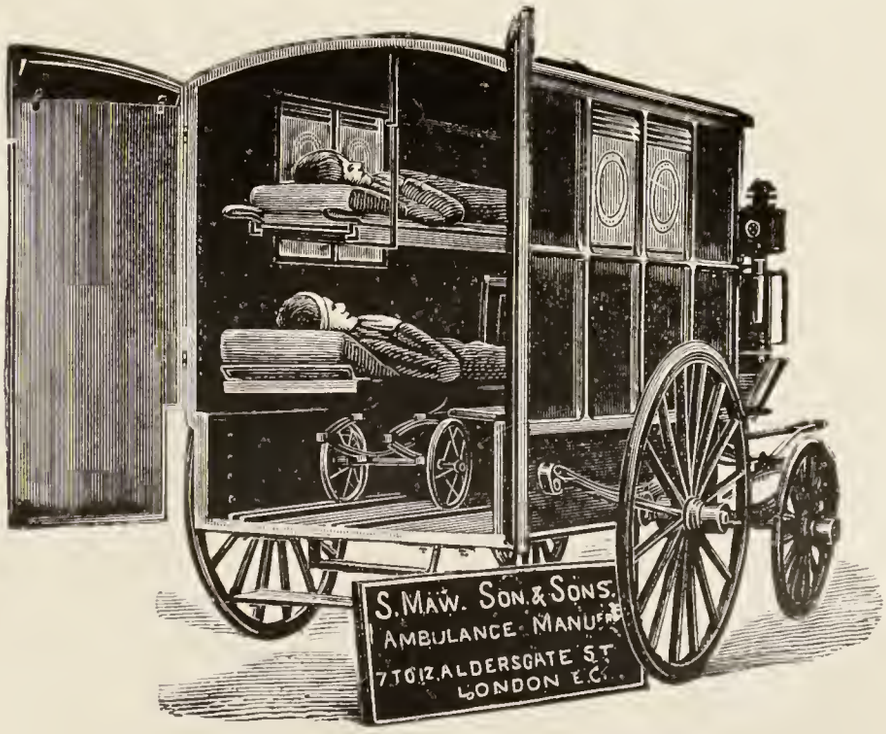
05019	Wheel Stretcher, " Police " pattern, for outdoor use, with detachable under-carriage, bicycle wheels, white rubber sheeting cover, collapsible hood, and drawer for splints, bandages, etc.	22	0	0
05020	Do. do. do., " B " quality and finish	18	0	0
05021	Stretcher Blankets, 76 × 59 in... .. .. .. each	0	6	0

Aseptic Hospital Furniture, etc.—Contd.—



05022

No.	Trolleys, Stretchers, etc.—Contd.—	£	s.	d.
05022	"Municipal" Model, with 30 in. ball-bearing bicycle wheels, detachable stretcher with nickel-plated telescopic handles, jointed canvas hood and body cover, horse-hair pillow and first-aid box	16	10	0
05023	Do. do. do., with ordinary bicycle wheels and wood handles	14	10	0



05024

05024	**Horse Ambulance,** fitted with one wheeling and one hand stretcher, rubber-tyred wheels, strong brake and pair of lamps ..	105	0	0

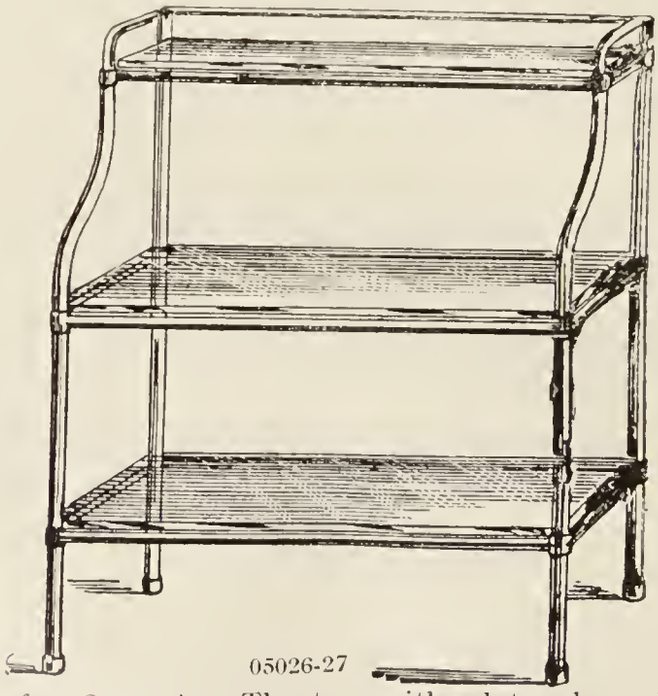
The front wheels are full lock to facilitate turning in a narrow street. The body is made with ash frame and baywood panels, and is hung low on a patent cranked mail axle, so that the floor is only 22 in. from the ground. Seats are fitted the whole length of the body on the off side. The top stretcher is slung in a folding frame suspended from the roof, and the lower stretcher is fitted with detachable rubber-tyred wheels and springs.

Aseptic Hospital Furniture, etc.—Contd.—

05025

No.		£	s.	d.
05025	**Wagon,** for conveying dinners, etc., to the wards of a hospital, constructed of specially planished steel, which will not rust, and fitted with copper hot water tanks, removable shelves and under-carriage, with rubber-tyred wheels, and springs ..	26	0	0

The use of a wagon of this description saves the labour of carrying the dinners by hand through the various wards, and at the same time enables the meat, soup, vegetables, etc., to be kept hot whilst the patients are being served. When not in use it can be lifted off the under-carriage, and the latter can then be used for other purposes, such as collecting dirty linen from the various wards or for delivery of coal, etc. It is made of such a size that it will easily go into any lift which will take an ordinary stretcher.

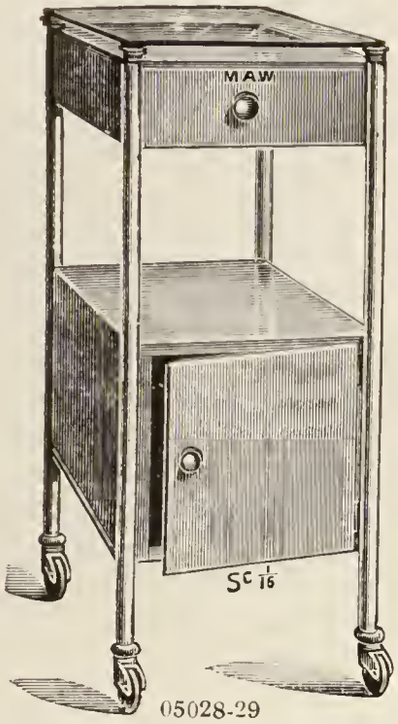


05026-27

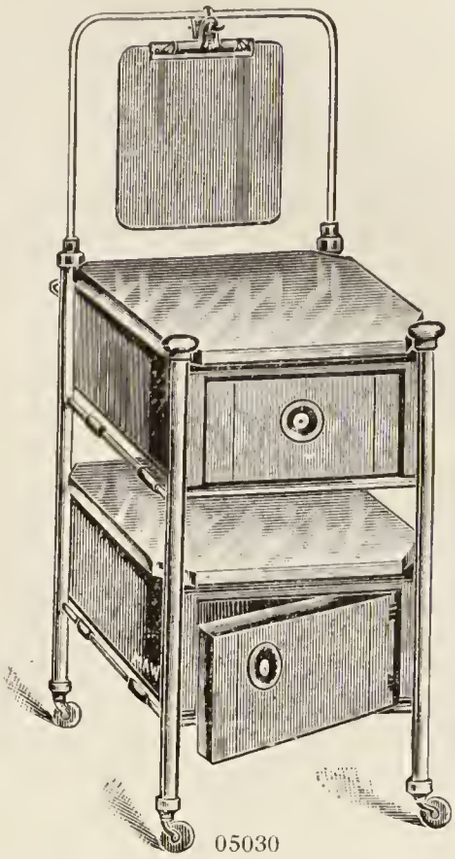
Wall Stand for Operation Theatre, with plate glass shelves with polished edges, the two lower ones measuring 36 × 18 in., and the upper one 36 × 9 in.; polished German silver rail round three sides of top and polished metal stump feet; height, 52 in.

05026	Ordinary, white enamelled	7	5	0
05027	"Non-chip," vitreous enamelled	10	0	0

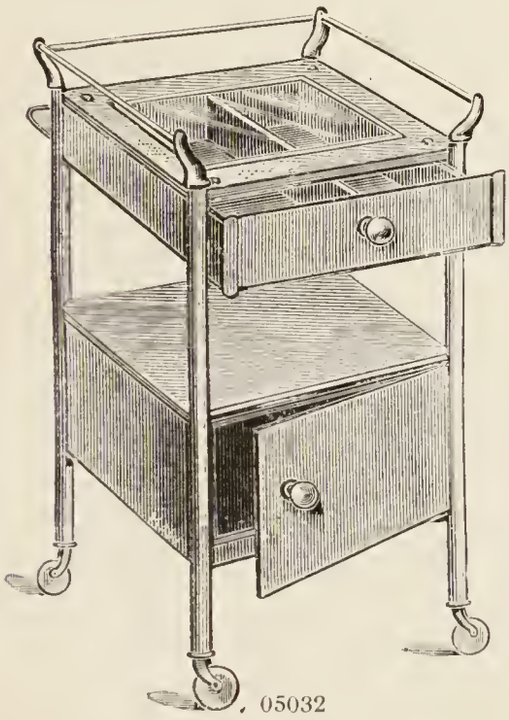
Aseptic Hospital Furniture, etc.—Contd.—

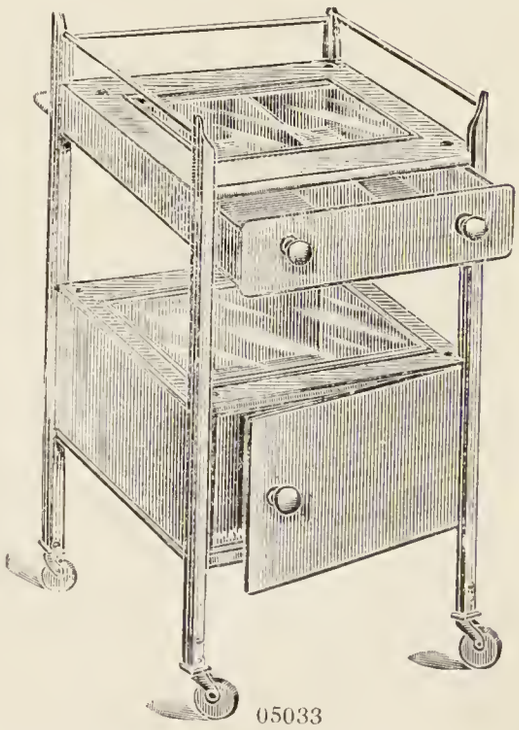


05028-29


05030

No.	**Ward Lockers—**	£	s.	d.
	Metal, 16 × 16 in., with tubular frame, ⅜-in. plate-glass top with polished edges, mounted on 2-in. rubber-tyred castors—			
05028	Ordinary, white enamelled	2	2	0
05029	"Non-chip," vitreous enamelled	3	0	0
05030	Middlesex Hospital Model, with vitreous enamelled frame and teak sides and front, and bronzed metal chart rail and holder ..	6	12	0
05031	Do. do., without chart rail and holder	6	6	0


05032

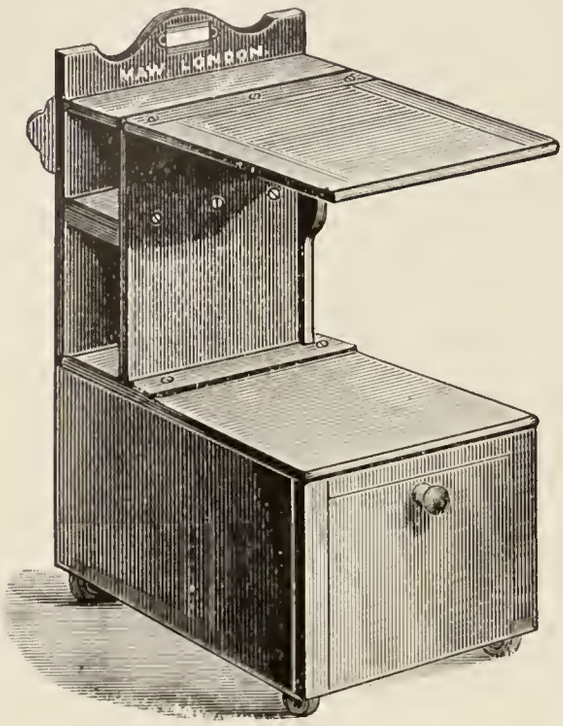

05033

05032	Edmonton Infirmary Model, 16 in. by 16 in., with tubular frame, and towel rail at back and glass or vitreous enamelled top, aluminium painted	2	5	0
05033	Wandsworth Infirmary Model, 16 in. by 16 in., with angle iron frame, and towel rail at back, and glass or vitreous enamelled top, aluminium painted..	1	18	0

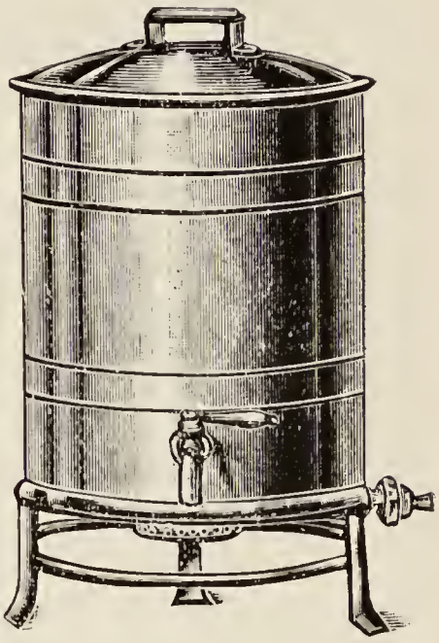
Either of the above lockers can be supplied with stump feet instead of castors at a reduction of **6/6** each.

The prices of the above lockers are arranged for a minimum of half dozen; if less than half doz. are ordered there will be an advance of 20 per cent.

Aseptic Hospital Furniture, etc.—Contd.—

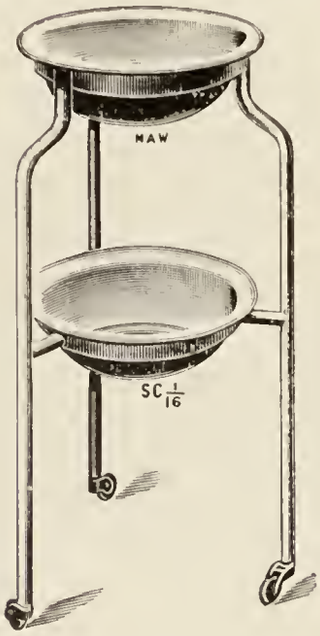


05035

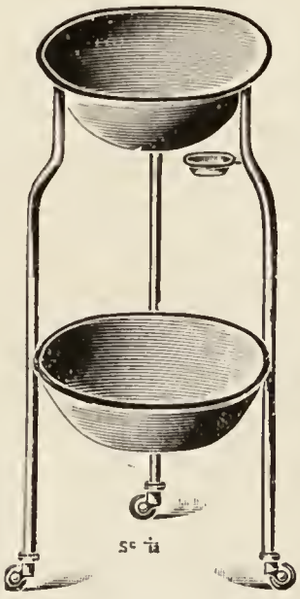


05037

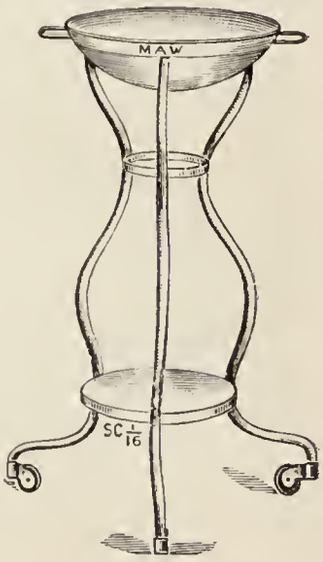
No.	**Ward Lockers, etc.—Contd.—**	£	s.	d.
05035	Locker and Bed Table combined, solid oak, with all inside angles rounded, and fitted with towel rail at back	3	5	0
05036	Do. do. do., without the double back, as made for St. Bartholomew's Hospital..	2	16	6
05037	**Water Boiler,** 5 gallon capacity, polished copper on stand, with bunsen gas ring	2	14	0



05038-39



05040-41

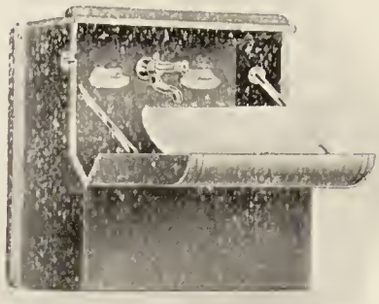


05042

Wash Stands, for Theatre use—

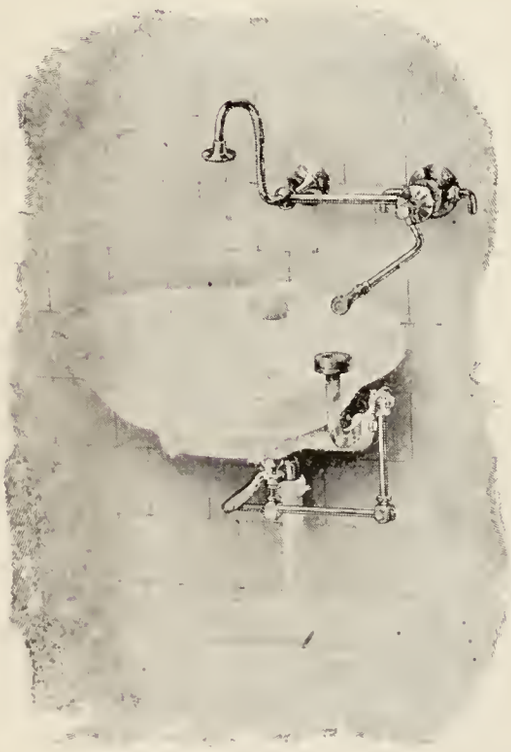
	With two basins and rubber-tyred castors—			
05038	Ordinary, white enamelled	1	15	0
05039	" Non-chip," vitreous enamelled	3	6	0
	War Office Model, fitted with two 16 in. enamelled iron bowls and mounted on 2-in. rubber-tyred nickel-plated castors—			
05040	Ordinary, white enamelled	1	13	0
05041	" Non-chip," vitreous enamelled	3	0	0
05042	Light Model, with one basin..	1	13	0
05043	Do. do., with two basins side by side	2	10	0

05044

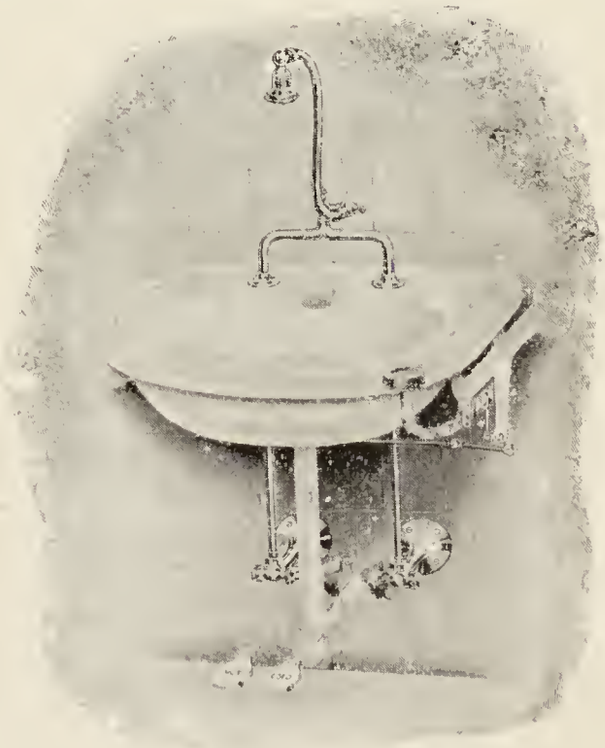


05045

No.	**Consulting Room Wash-hand Basins—**	£	s.	d.
05044	Folding Cabinet, with white earthenware basin, soap dishes, zinc supply tank and receiver, and mirror, in polished mahogany or walnut	11	12	6
05045	Folding Cabinet, with white earthenware basin, soap dishes and zinc receiver, in polished mahogany or walnut	6	15	0



05046

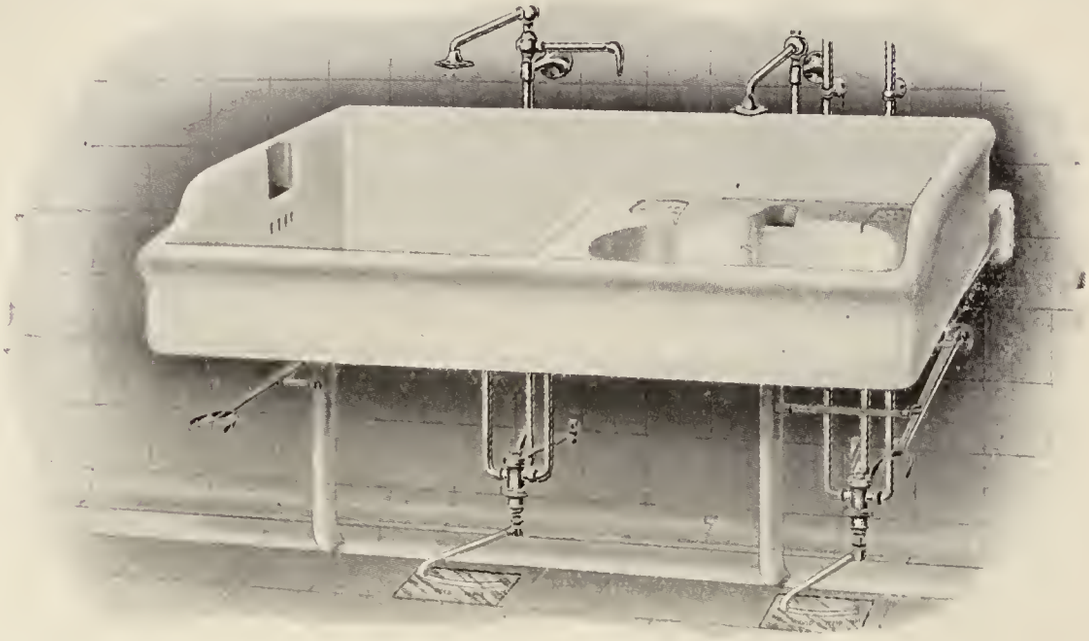


05047

Theatre Lavatories—

05046	Oval White Glazed Fire-clay Lavatory, 28 in. by 21 in., with 24 in. by 16 in. basin, hot and cold combined valve with lever handle to work by the arm, curved supply pipe and spray, elbow action waste, and vitreous enamelled cantilevers	13	12	6
05047	Strong White Earthenware Lavatory, 30 in. by 23 in., with 21 in. by 16 in. basin, hot and cold valves fixed on painted iron brackets with treadle action, curved supply pipe and spray, elbow action waste, and painted cantilevers..	18	2	6
05048	If supplied with vitreous enamelled cantilevers and pipe, extra	0	14	6

Sanitary Ware—Contd.—



05049

No.	Theatre Lavatories—Contd.—	£ s. d.
05049	Strong White Glazed Fire-clay Lavatory and Operating Sink combined, 32 in. by 22 in. by 8 in., with ½-in. mixing valves actuated by foot lever, brass pipes, knee action waste plug, and vitreous enamelled cantilevers	27 7 6

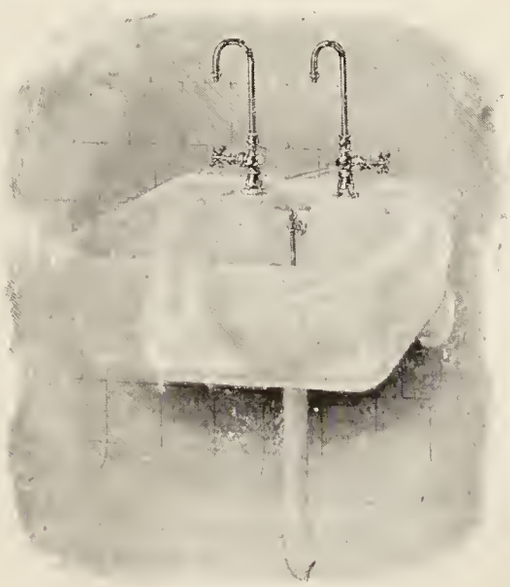
05050

05050 **Double Lavatory,** white glazed fire-clay, 4 ft. 4 in. by 1 ft. 9 in., with 21 in. by 14½ in. basins. The supplies consist of a spray and jet, and in place of a plug a grated washer is fixed, so that the user washes in running water. The valves (hot and cold) are worked by treadles, and the top is supported on vitreous enamelled cast-iron brackets **29 17 6**

Sanitary Ware—Contd.—

05051

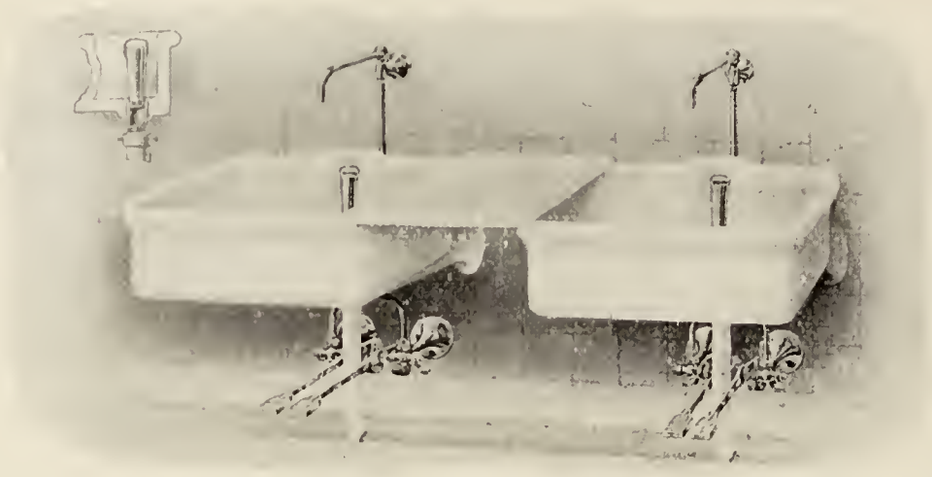
No.	Theatre Lavatories—Contd.—	£	s.	d.
05051	Double Lavatory, white glazed fire-clay, 4 ft. 4 in. by 1 ft. 9 in., with 21 in. by 14½ in. basins, elbow action waste plugs, hot and cold combined valves with arm levers, vitreous enamelled waste pipes, and vitreous enamelled cantilevers	24	16	6



05052

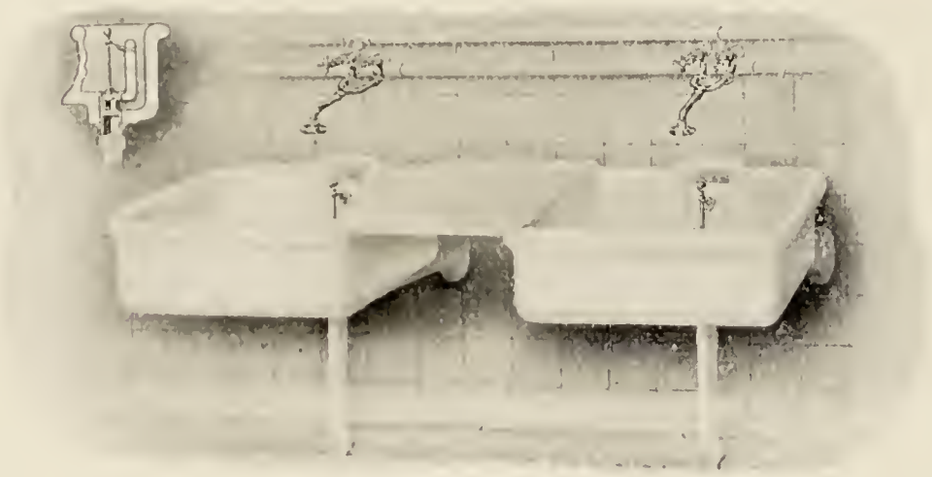
	Theatre Sinks—			
05052	White Glazed Fire-clay Sink, 24 in. by 18 in. by 8 in., with soap ledge, brass rod waste, ½ in. hot and cold screw-down valves, and vitreous enamelled cantilevers and waste pipe	6	9	6
05053	Do. do. do., 30 in. by 24 in. by 8 in.	8	2	6

Sanitary Ware—Contd.—



05054

No.	Theatre Sinks—Contd.—	£	s.	d.
05054	Pair of White Glazed Fire-clay Sinks, 24 in. by 18 in. by 10 in., with recessed backs, brass removable standing wastes, hot and cold valves with treadles, supported on painted brackets, and vitreous enamelled cantilevers and waste pipes. A white glazed fire-clay slab 24 in. by 18 in. is fixed between the sinks	24	12	6



05055

05055	Pair of White Glazed Fire-clay Sinks, 24 in. by 18 in. by 10 in., with recessed backs, hot and cold screw-down valves, with connecting pieces and sprays, and vitreous enamelled cantilevers and waste pipes; a white glazed fire-clay slab, 24 in. by 18 in., is fixed between the sinks. (Supply pipes not included in the price)	15	17	0

HANDLE BRAKE.

05056

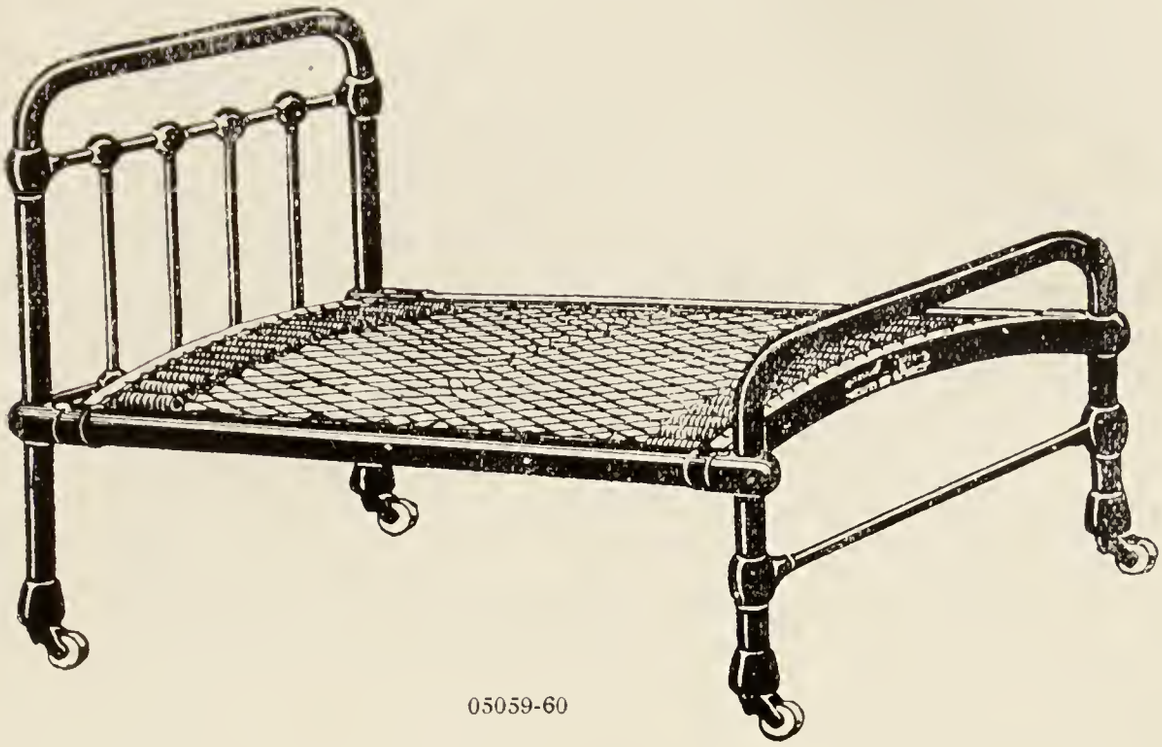
05058

Ward Baths on Wheels—

Bath with hood at end and overhanging roll for prevention of splashing, mounted on rubber-tyred wheels, and fitted with 1 in. valve at outlet; white metallic enamelled inside and plain colour outside—

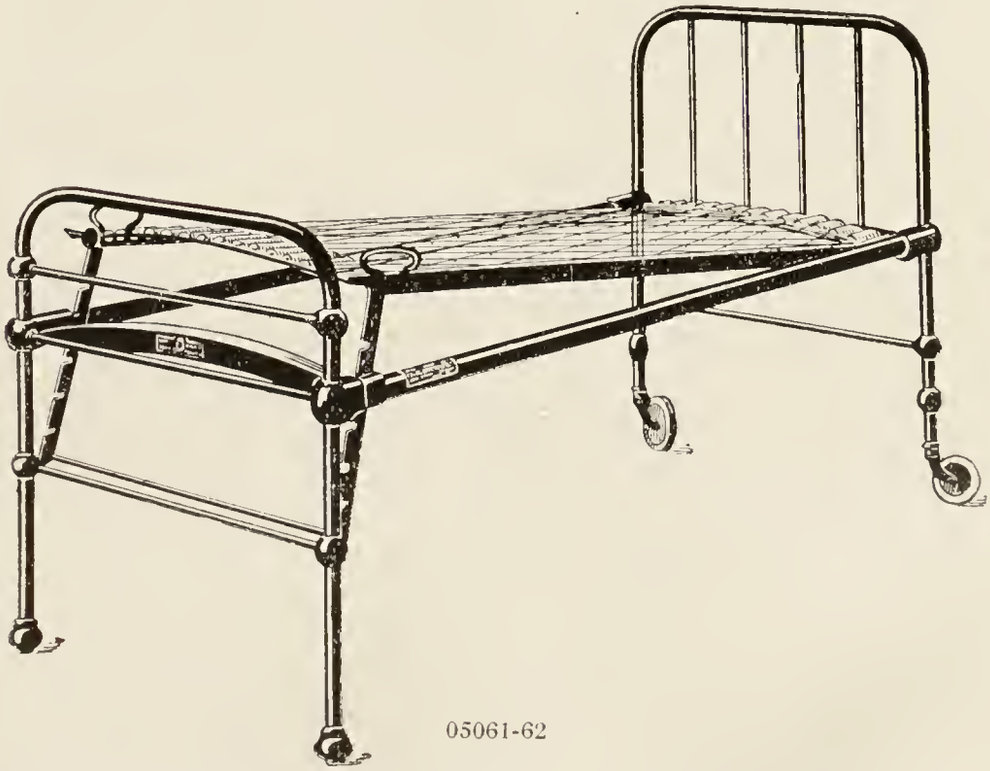
05056	Zinc .. 4 ft. 6 in.,	£11 4 0;	5 ft.,	£12 2 0;	5 ft. 6 in.	12	16	6
05057	Iron .. 4 ft. 6 in.,	£10 2 0;	5 ft.,	£10 10 0;	5 ft. 6 in.	11	1	6
05058	If fitted with handle brake				extra, each	1	4	0

HOSPITAL BEDSTEADS.



05059-60

No.		£	s.	d.
	Patent "Lawson Tait" Spring Bedstead, heavy design suitable for water bed, permanently guaranteed against breaking or sagging, with galvanized spring mesh, $1\frac{1}{4}$ in. head and foot bows, and $1\frac{1}{2}$ in. welded steel tube sides; length, 6 ft. 6 ins.—			
05059	Black enamelled .. .. .. 2 ft. 6 in., **45/-**; 3 ft.	2	7	6
05060	White enamelled .. .. ,, **52/-**; ,,	2	14	6

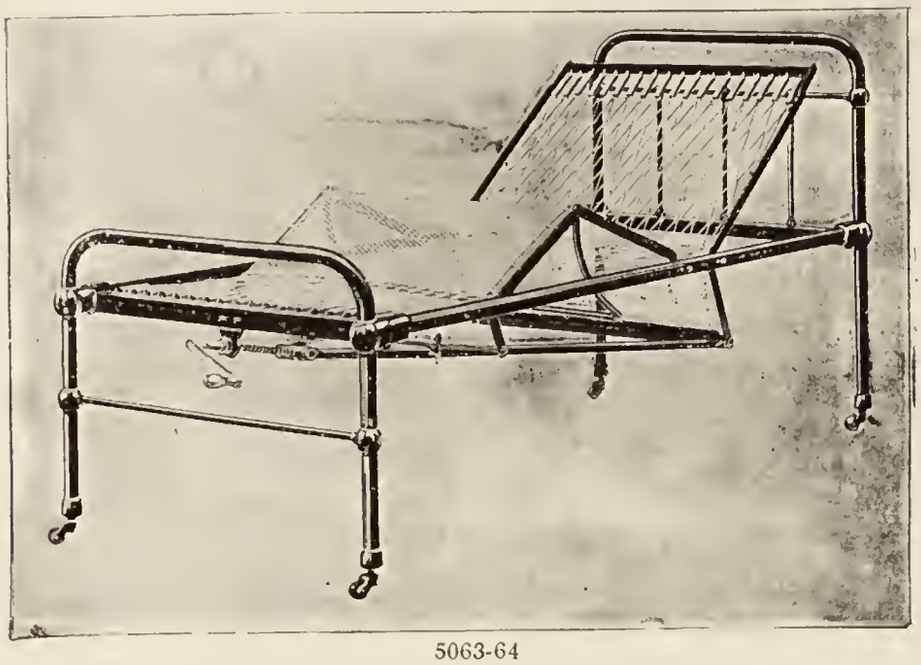


05061-62

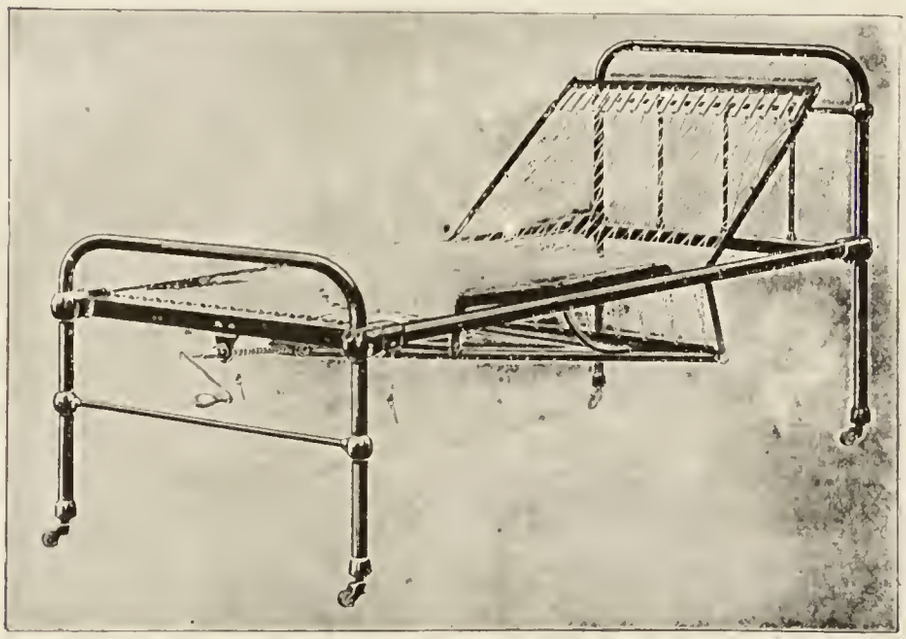
Patent "Lawson Tait" Spring Bedstead, with tilting frame for use after abdominal operations, etc.; the frame can also be reversed for raising the head when required; $1\frac{1}{4}$ in. head and foot bows, $1\frac{1}{2}$ in. welded steel tube sides, and large swivel castors at head end; length, 6 ft. 6 in.; width, 3 ft.—

05061	Black enamelled	4	12	6
05062	White enamelled	4	19	6

Hospital Bedsteads—Contd.—



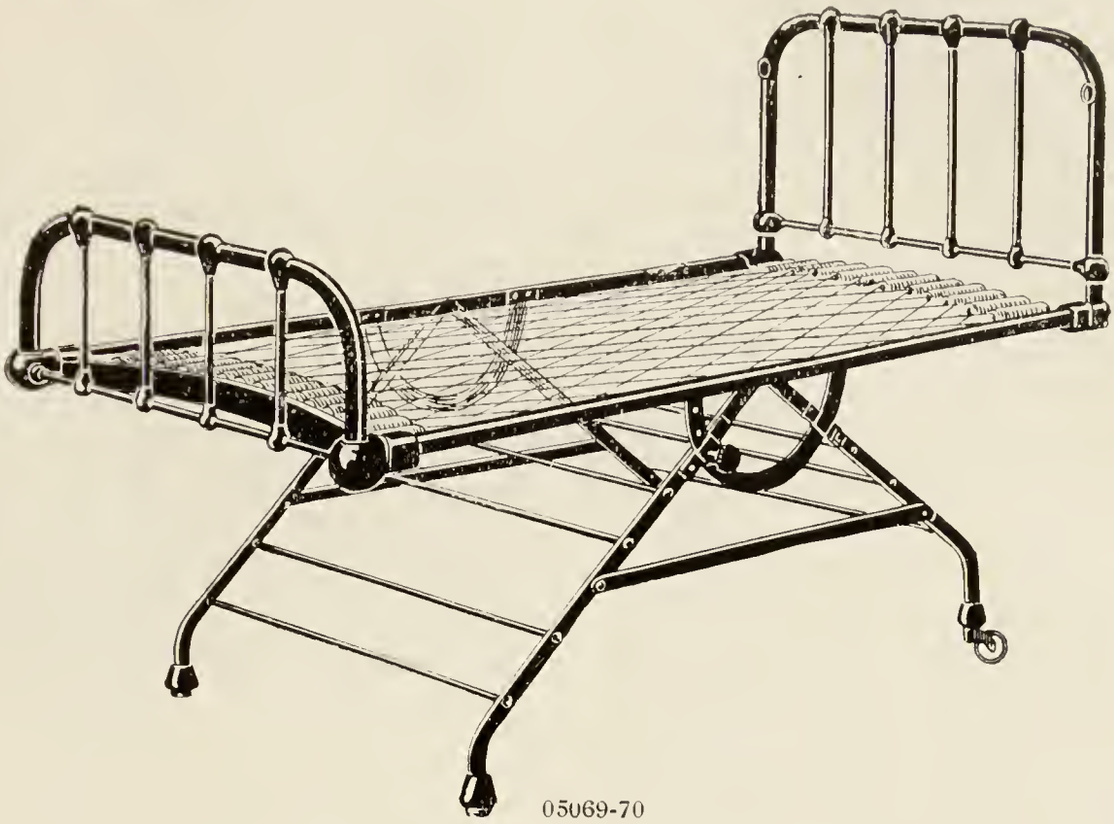
5063-64



05063-64

No.		£	s.	d.
	Patent " Lawson Tait " Bedstead, with head and knee rest, the rising parts being actuated by a quick thread screw and remaining in any position required ; 1¼ in. head and foot bows ; 1½ in. welded steel tube sides, and galvanised steel mesh ; 6 ft. 9 in. by 3 ft.—			
05063	Black enamelled	6	10	6
05064	White enamelled	6	17	6
	Special " Lawson Tait " Hospital Bedstead, for single rooms, fixed on hinges to floor or wall at the head, with padlock staple at foot, 9 in. from floor, as supplied to the West Ham Asylum and East Sussex Asylum, etc., 6 ft. 6 in. by 3 ft.—			
05065	Black enamelled	2	9	6
05066	White enamelled	2	16	6
	Folding Occasional " Lawson Tait " Bedstead, as supplied to H.M. War Office for the Field Hospitals ; 6 ft. 6 in. by 2 ft. 6 in.—			
05067	Black enamelled	1	17	0
05068	White enamelled	2	4	0

Hospital Bedsteads, etc.—Contd.—



05069-70

No.	**Derby Infirmary Model**, for use after abdominal operations—	£	s.	d.
05069	Black enamelled	5	4	6
05070	White enamelled	5	11	6

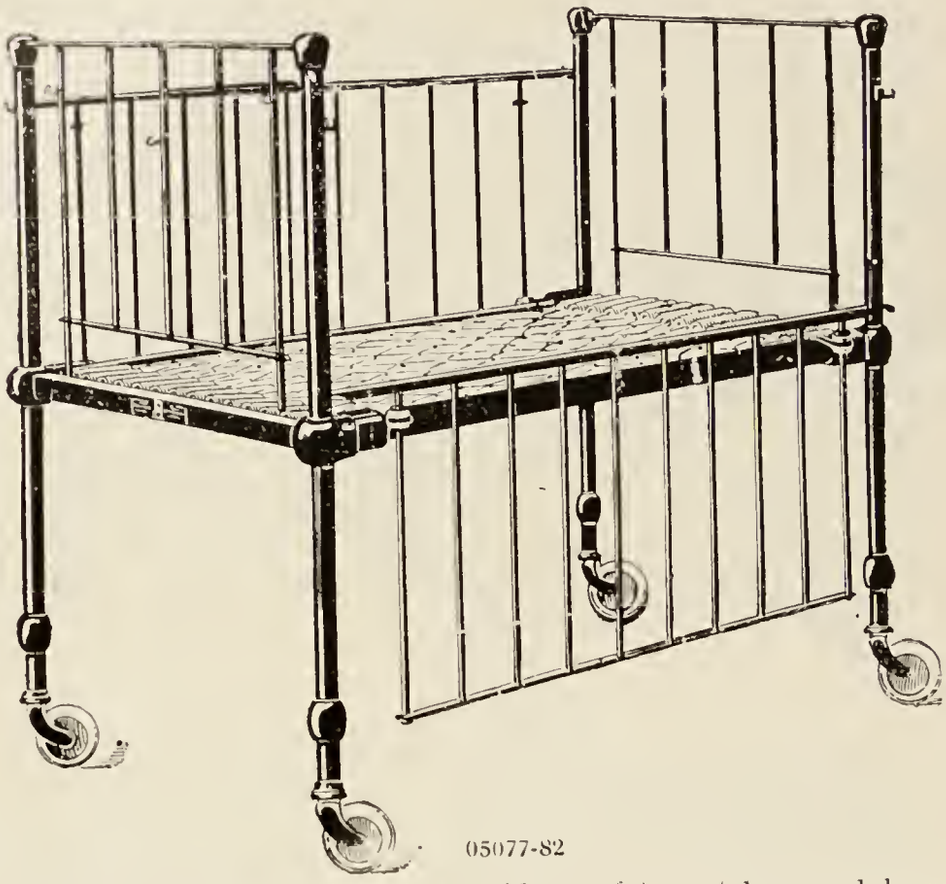
The use of this bedstead allows the patient's head to be lowered and the feet raised without any undue exertion either on the part of the patient or the nurse.

05071-76

Cot, with drop-down sides and patent safety catches—

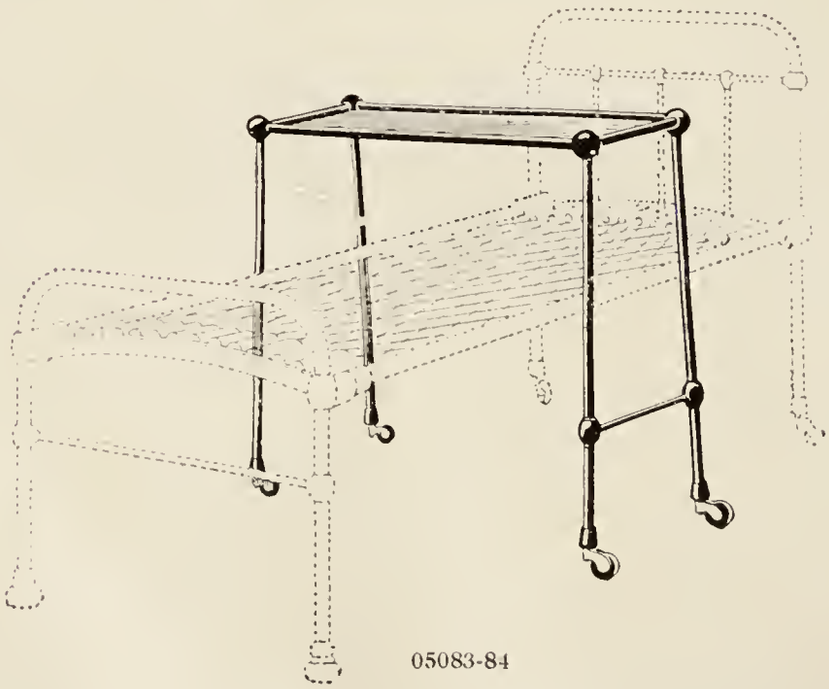
05071	Black enamelled, 4 ft. × 2 ft.	2	3	6
05072	Do. do., 4 ft. 3 in. × 2 ft. 3 in.	2	5	6
05073	Do. do., 4 ft. 6 in. × 2 ft. 6 in.	2	6	0
05074	White enamelled, 4 ft. × 2 ft.	2	10	6
05075	Do. do., 4 ft. 3 in. × 2 ft. 3 in.	2	12	6
05076	Do. do., 4 ft. 6 in. × 2 ft. 6 in.	2	13	0

Hospital Bedsteads, etc.—Contd.—



05077-82

No.	Cot, heavy model, with drop-down sides, safety catches, and large rubber-tyred castors, for wheeling on to balcony or corridor—	£	s.	d.
05077	Black enamelled, 4 ft. × 2 ft.	5	9	0
05078	Do. do., 4 ft. 3 in. × 2 ft. 3 in.	5	10	6
05079	Do. do., 4 ft. 6 in. × 2 ft. 6 in.	5	12	6
05080	White enamelled, 4 ft. × 2 ft.	5	16	0
05081	Do. do., 4 ft. 3 in. × 2 ft. 3 in.	5	17	6
05082	Do. do., 4 ft. 6 in. × 2 ft. 6 in.	5	19	6

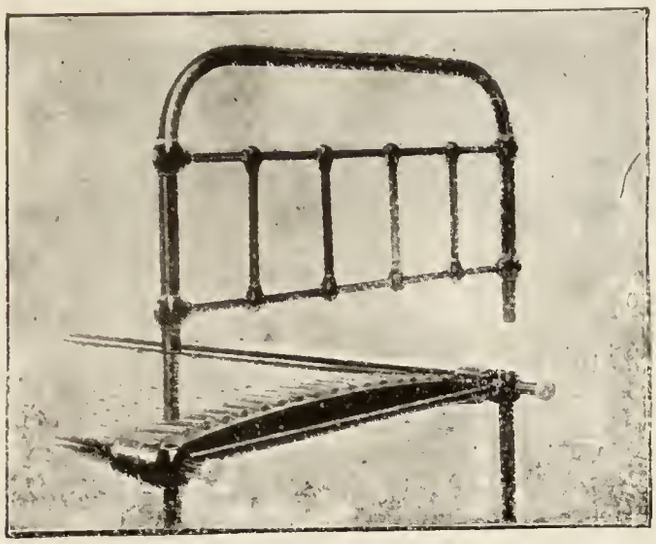


05083-84

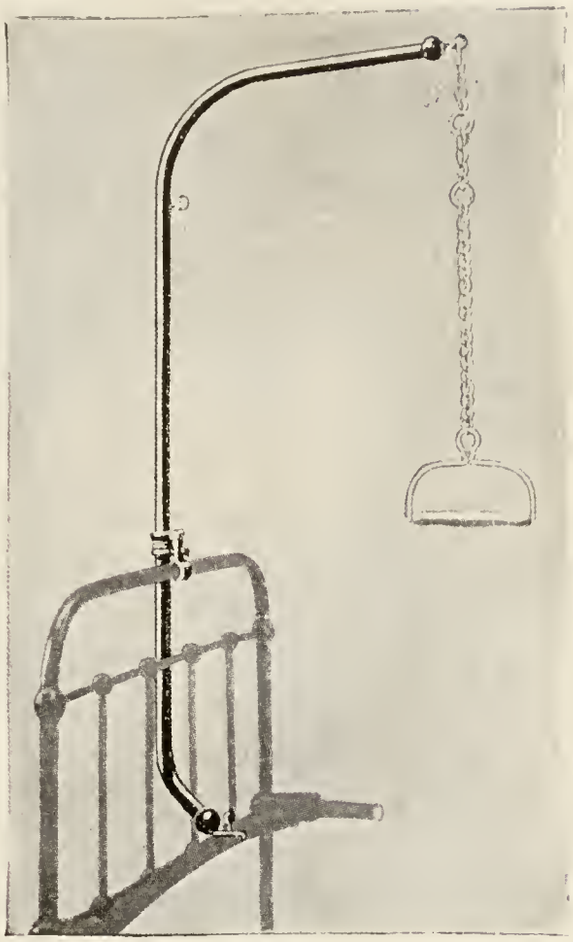
Bed Table, iron, on castors, to stand over a hospital bedstead—

05083	Black enamelled, ...	1	10	0
05084	White enamelled	1	13	6

Hospital Bedsteads, etc.—Contd.—

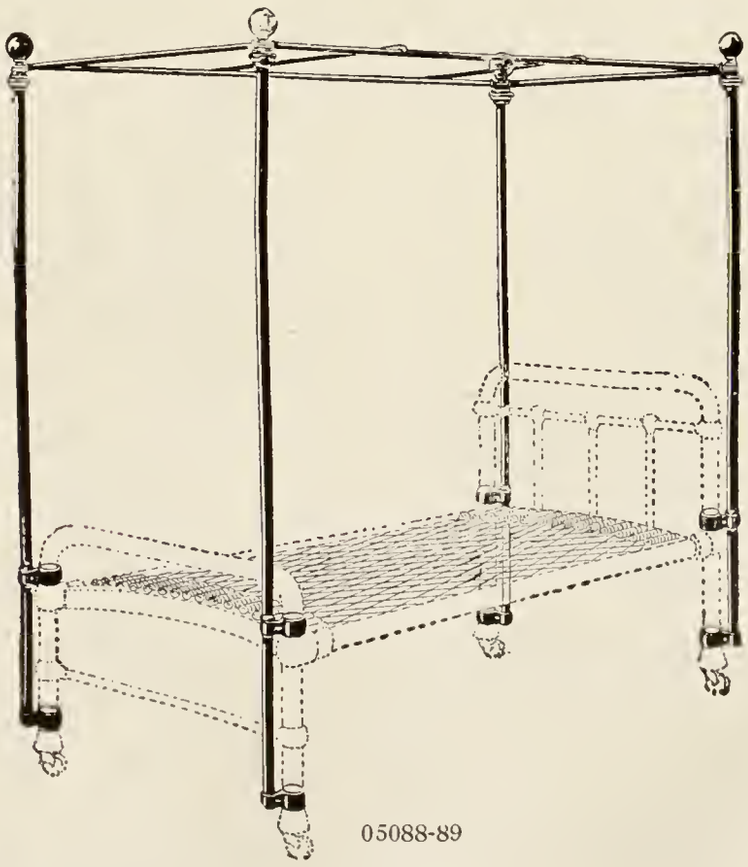


05085



05086 87

No.		£	s.	d.
05085	**Lift-out Head End** for any Lawson-Tait bedstead .. .. extra	0	6	0
	Lifting Pole, detachable, to fit any Iron bedstead—			
05086	Black enamelled	0	18	6
05087	White enamelled	1	0	0



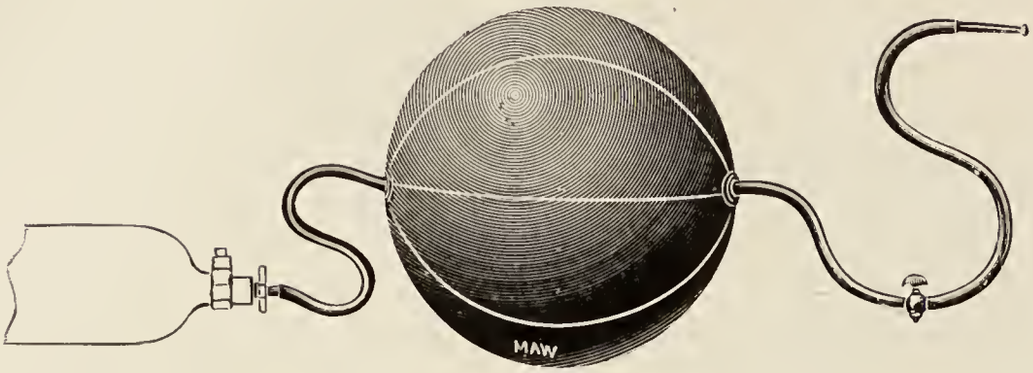
05088-89

Mosquito Net Frame, for Hospital bedsteads—

05088	Black enamelled	0	13	6
05089	White enamelled	0	15	6

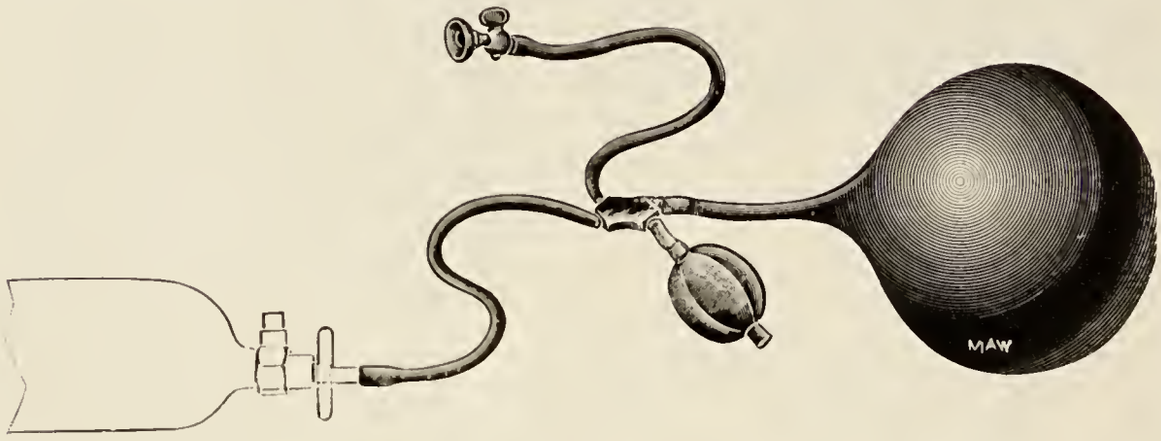
This frame can be taken to pieces and packed away in a small space.

OXYGEN INHALERS, Etc.



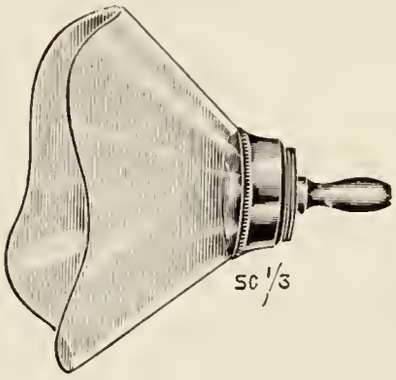
05090

No.		£	s.	d.
05090	**Inhaler,** consisting of India-rubber bag, tubing, vulcanite tap and glass mouth-piece	0	7	6

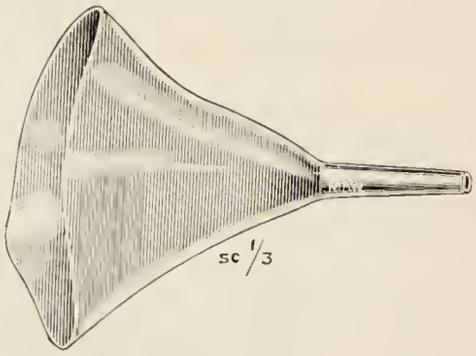


05091

05091	**Inhaler,** consisting of India-rubber bag, tubing, 4-way vulcanite connection and vulcanite mouth-piece with tap	1	1	0



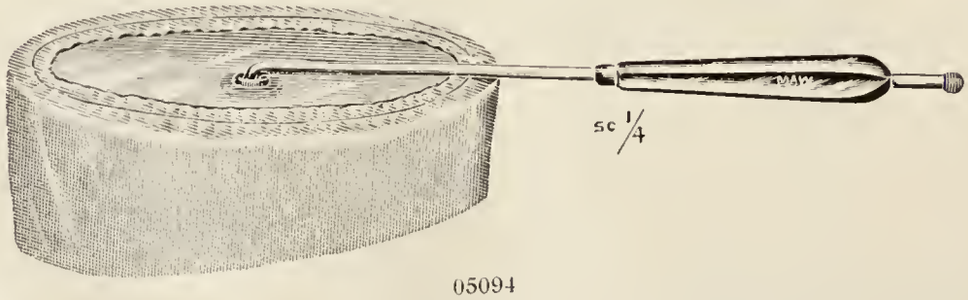
05092



05093

Face Pieces—

05092	Celluloid, with metal mount for tubing	0	7	6
05093	Glass	0	0	9



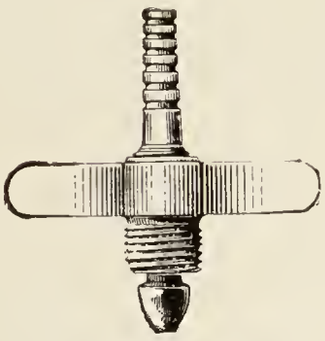
05094

05094	Leonard Hill's, nickel-plated, with mackintosh mask	0	8	6
05095	Mouth Piece, glass, with 3 ft. of India-rubber tubing	0	2	0

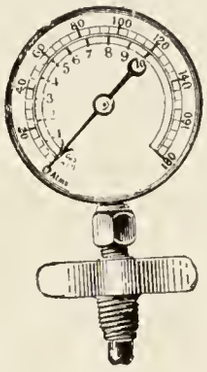
Oxygen Inhalers, etc.—Contd.—

05096-100

No.		£	s.	d.
	Oxygen Cylinders, constructed of best quality mild steel, annealed and tested to a pressure of 3,360 lbs. to the square inch, complete with valves (exclusive of gas)—			
05096	Capacity 6 cubic feet	0	18	9
05097	Do. 10 do.	1	4	0
05098	Do. 25 do.	1	17	6
05099	Do. 30 do.	2	6	0
05100	Do 40 do.	2	14	0



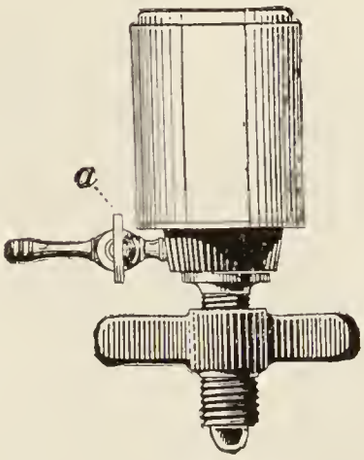
05102



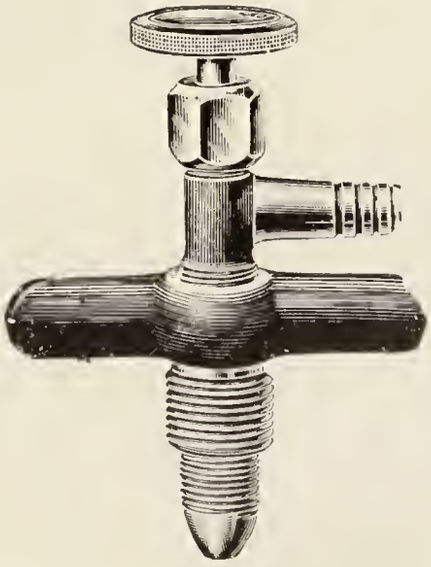
05103

Accessories for use with Oxygen Cylinders—

05101	Key, T-shape	0	1	6
05102	Nipple and Union	0	2	3
05103	Pressure Gauge	1	5	0



05104

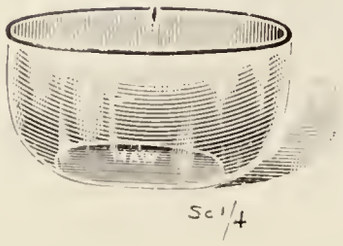


05109

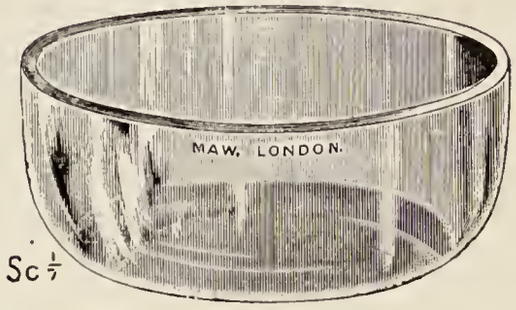
05104	Regulator		0	17	6
05105	Rope Bags, for 6 and 10-ft. cylinders .. .. .. each		0	1	6
05106	Do. for 25-ft. cylinders .. .. ,,		0	2	3
05107	Do. for 30 and 40-ft. cylinders .. .. .. ,,		0	3	0
05108	Tubing, India-rubber, 2 qualities .. .. per yd. 1/6 and		0	2	6
05109	Valves, 2 qualities .. .. 5/3 and		0	6	9
05110	**Oxygen Gas** .. .. per foot		0	0	3

Special price for quantities.

SURGICAL GLASSWARE, Etc.



05111-12



05113

No.

Bowls, Lotion, white glass with coloured rim—

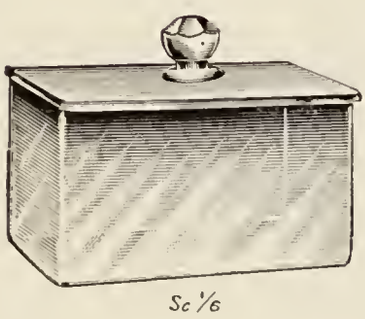
			6 in.	8 in.	9½ in.	11 in.	12 in.
05111	Blue, green or amber rim.. ..	each	3/9	5/6	7/6	9/6	11/-
05112	Ruby rim	,,	4/-	6/-	8/6	11/-	12/6

The above Bowls with coloured rims are found to be of great service in hospital theatres where several different colourless solutions are often in use at the same time. By always keeping the same colour of bowl for one particular lotion, the surgeon can see at once what he is using, and mistakes are thus often avoided.

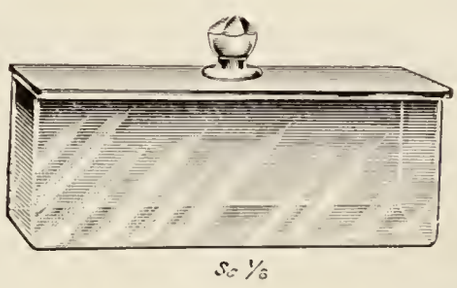
05113 **Bowls, Lotion,** in plain white glass, with polished rim,
each, 4 in., -/7 ; 6 in., -/8 ; 8 in., 1/3 ; 10 in., 1/4 ; 12 in., 2/-

Bowls, Lotion, coloured glass, with polished rim—

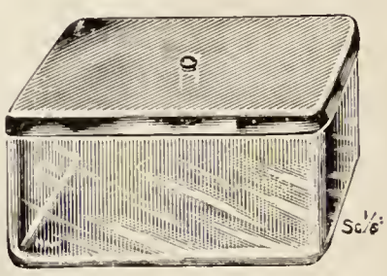
			4 in.	6 in.	8 in.	10 in.	12 in.
05114	Dark blue	each	-/8	-/10	1/6	1/10	2/10
05115	Light blue	,,	-/8	-/10	1/6	1/10	2/10
05116	Amber	,,	-/8	-/10	1/6	1/10	2/10
05117	Ruby	,,	1/-	1/4	2/3	3/3	4/6
05118	**Covers** for Lotion Bowls, glass	per doz.	—	10/-	12/-	18/-	—



05119



05119



05120

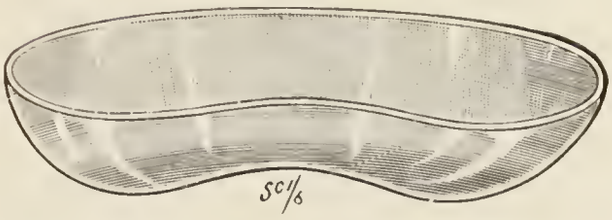
05119 **Dressing Boxes,** with glass lids—

Length	3¼ in.	8 in.	6¼ in.	6¾ in.	9¾ in.	10¼ in.
Width	2½ in.	2¼ in.	3½ in.	5½ in.	3½ in.	6¾ in.
Depth	2¼ in.	1¾ in.	3½ in.	4 in.	3½ in.	5 in.
Each	2/3	3/3	3/9	5/-	6/-	7/6

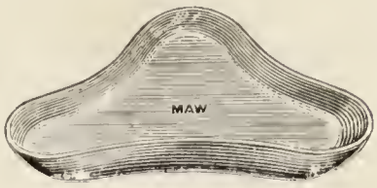
05120 Ditto, ditto, with nickel-plated copper lids—

Length	6½ in.	6⅝ in.	7¼ in.
Width	4 in.	5⅜ in.	4½ in.
Depth	4 in.	4 in.	4 in.
Each	3/6	4/6	4/-

Surgical Glass Ware, etc.—Contd.—



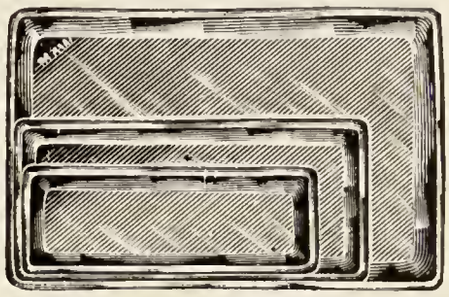
05121



05122

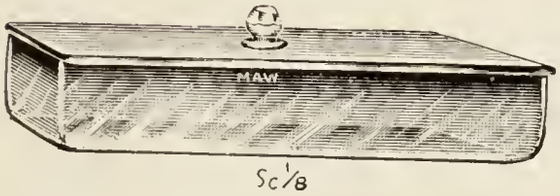
No.	**Dressing and Instrument Trays,** Glass—	£	s.	d.
05121	Kidney shape, 6 in., **-/10**; 8 in., **1/-**; 9 in., **1/4**; 10 in., **1/5**; 11 in., **1/6**; 12 in.	0	2	0
05122	Triangular, 8 in.	0	3	9

05123

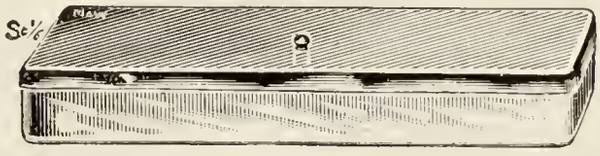


05124

05123	Square, deep series, 8 × 5 in., **1/9**; 10 × 7 in., **2/-**; 12 × 9 in., **3/3**; 14 × 12 in., **5/6**; 18 × 14 in.	0	12	0
05124	Do., shallow series, per doz., 6 × 2 in., **10/-**; 7 × 3 in., **12/-**; 8 × 4 in.	0	18	0



05125



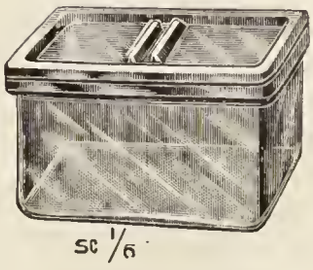
05126

05127

Catheter Boxes (see also page 245)—

05125	With glass lid, 16 × 3 × 2 ins.	0	7	0
05126	With metal lid, 16 × 3 × 2 ins.	0	6	0
05127	**Catheter Trays,** 16 × 4½ × 3 ins.	0	3	6

05128-29



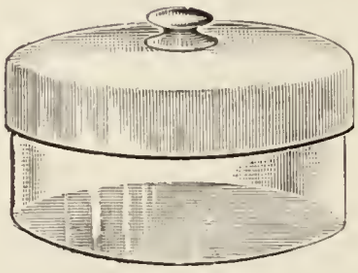
05130

Jars, for various purposes—

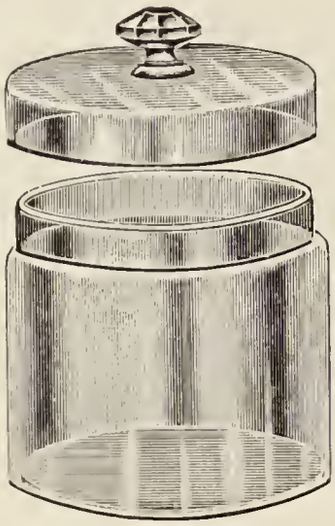
With flush lid and sunken knob (convenient for stacking one on top of the other)—

05128	Round, 6⅛ in. by 3½ in., approximately 40 oz. capacity ..	0	1	6
05129	Do. 3⅜ in. by 2¼ in., approximately 4 oz. capacity ..	0	0	8
05130	Oblong, 5⅝ in. by 3⅝ in.	0	1	6

Surgical Glass Ware, etc.—Contd.—



05131



05132

05133

No.	**Jars,** for various purposes—**Contd.**—	£	s.	d.
05131	With outside loose fitting cover, 3 sizes, each $3\frac{3}{4}$ by 6 in., **2/-**; 5 in. by 8 in., **3/6**; $6\frac{1}{2}$ in. by 11 in.	0	7	0

05132 With shoulder and drop-over cover, 9 sizes—

Height ..	4 in.	5 in.	6 in.	7 in.	10 in.	8 in.	11 in.	12 in.	10 in.
Diameter	4 in.	5 in.	6 in.	8 in.	7 in.	8 in.	8 in.	8 in.	10 in.
Each ..	**1/6**	**1/9**	**2/-**	**2/6**	**3/6**	**3/6**	**4/6**	**4/6**	**5/6**

05133 With outside fitting, ground on lid, 4 sizes—

Height	5 in.	6 in.	10 in.	12 in.
Diameter	3 in.	$4\frac{1}{2}$ in.	5 in.	7 in.
Each	**2/-**	**2/3**	**3/6**	**8/6**

Sc 1/6

05134

Sc 1/6

05135

Sc 1/8

05136

Sc 1/8

05137

05134 With ground-in stopper surrounded by a phlange which projects over the edge of the jar, so as to prevent dust from accumulating in the crevice—

Height	5 in.	7 in.	8 in.	9 in.	12 in.	12 in.
Diameter	4 in.	6 in.	5 in.	6 in.	5 in.	7 in.
Each	**1/6**	**3/-**	**2/9**	**3/6**	**3/6**	**5/6**

05135 With lid fitting into a channel which can be filled with an antiseptic solution so as to entirely exclude air, 6 sizes—

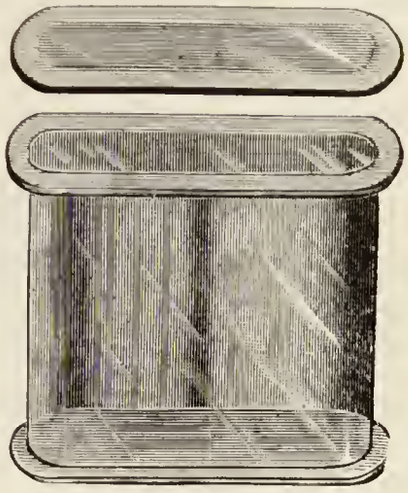
Height	$3\frac{1}{2}$ in.	$4\frac{1}{2}$ in.	4 in.	6 in.	7 in.	8 in.
Diameter	$2\frac{1}{4}$ in.	3 in.	4 in.	6 in.	7 in.	8 in.
Each	**2/6**	**3/-**	**3/6**	**7/-**	**9/6**	**13/-**

05136 With shoulder and drop-over cover—

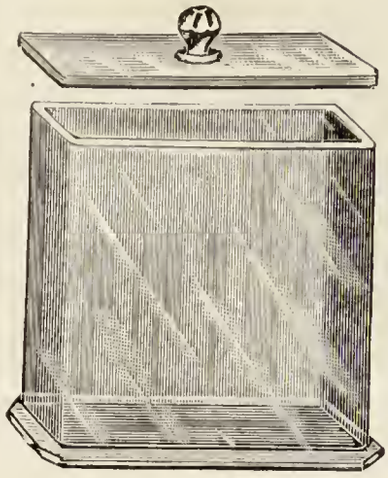
Height	8 in.	$9\frac{1}{2}$ in.	10 in.	11 in.
Diameter	4 in.	$5\frac{1}{2}$ in.	7 in.	6 in.
Each	**1/6**	**2/6**	**3/-**	**2/6**

05137 With drop-over cover, cylindrical, each 5 by $3\frac{3}{4}$ in., **1/3**; 9 by $3\frac{3}{4}$ in., **1/6**; 12 by 4 in., ... 0 2 6

Surgical Glass Ware, etc.—Contd.—



05138



05139

No. **Jars,** for preserving Museum Specimens—

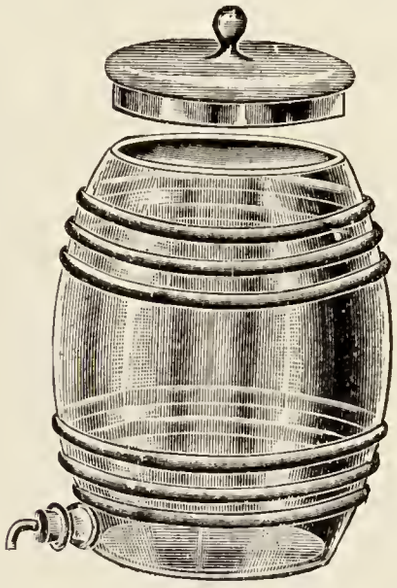
05138 Oval, with foot and ground on glass plate and ground rim, 4 sizes—

Height ..	$5\frac{1}{8}$ in.	**2/3**	$7\frac{3}{4}$ in.	**5/6**	$9\frac{3}{4}$ in.	**9/-**	$11\frac{3}{4}$ in.	**8/-**
Long diameter	$4\frac{3}{4}$ in.		$7\frac{3}{4}$ in.		$9\frac{3}{4}$ in.		$7\frac{3}{4}$ in.	
Short diameter	$1\frac{1}{2}$ in.		$3\frac{1}{8}$ in.		$4\frac{3}{4}$ in.		4 in.	

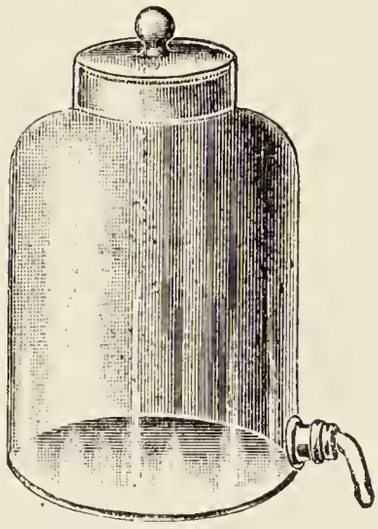
05139 Square, with foot and plain glass lid, 4 sizes—

Height ..	$5\frac{1}{8}$ in.	**3/6**	$7\frac{3}{4}$ in.	**4/6**	$8\frac{1}{4}$ in.	**7/-**	$9\frac{3}{4}$ in.	**10/6**
Width ..	$4\frac{3}{4}$ in.		$6\frac{1}{4}$ in.		$8\frac{1}{4}$ in.		$9\frac{3}{4}$ in.	
Depth ..	$1\frac{1}{2}$ in.		$1\frac{3}{4}$ in.		4 in.		$4\frac{3}{4}$ in.	

05140



05143



05144

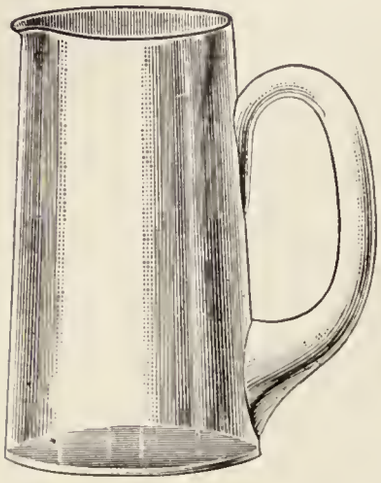
Lotion—

		£	s.	d.
05140	Jar, with outside fitting cover, tap hole, fitted with India-rubber bung and glass connecting tube, deeply engraved lettering filled in with red enamel. Each, 1 gal., **12/-**; 2 gal., **18/-**; 3 gal., **24/6**; 4 gal.	1	7	0
05141	India-rubber tubing for same .. ..per yd.	0	1	9
05142	Pinchcocks .. .. each	0	0	6

Unless ordered to the contrary the lettering is engraved on the opposite side to the tap-hole.

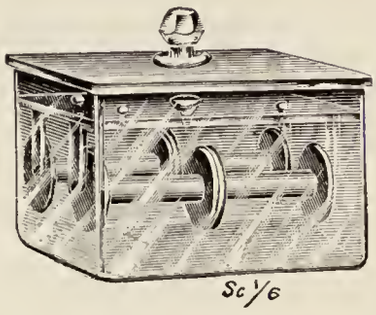
05143	Barrel with drop-on lid and overlapping phlange, fitted with India-rubber bung, and bent glass outlet tube, 3 sizes each, 1 gal., **7/-**; 2 gal., **10/-**; 3 gals.,	0	18	0
05144	Jar with outside loose-fitting cover, fitted with India-rubber bung, and bent glass outlet tube, 3 sizes each, 1 gal., **5/6**; $1\frac{1}{2}$ gals., **7/6**; $2\frac{1}{2}$ gals.,	0	14	6
05145	Glass tap with India-rubber bung, to fit the above jars, 3 sizes, large, **3/-**; medium, **2/6**; small	0	2	3
05146	Glass tap, ground, to fit jars, each, 1 gal., **5/6**; 2 and 3 gals.,	0	6	3
05147	Name of lotion, in red letters, deeply engraved	0	2	6

Surgical Glass Ware, etc.—Contd.—



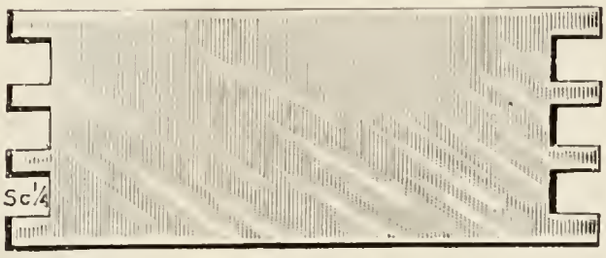
05148

05149



05151

No.		£	s.	d.
05148	**Jug,** for Theatre or Ward use .. .. per doz., $1\frac{1}{2}$ pt., 7/- ; 2 pt.	0	9	0
05149	**Labels,** for Antiseptic Solutions— Sublimate, Boric, Carbolic or Sterilized Water, etc. per doz.	0	6	6
	Ligature Trough, glass, with reels—			
05150	With 2 reels, size of trough $6\frac{1}{4} \times 5\frac{3}{4} \times 3\frac{1}{2}$ in.	0	7	6
05151	With 4 reels, size of trough $6\frac{3}{4} \times 5\frac{3}{4} \times 4$ in	0	11	0
05152	With 6 reels, size of trough $9\frac{3}{4} \times 6\frac{1}{4} \times 4\frac{3}{4}$ in.	0	17	6



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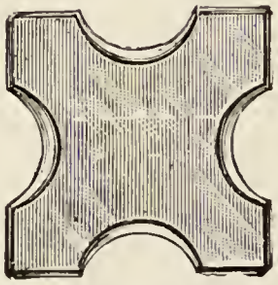
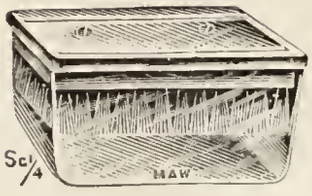


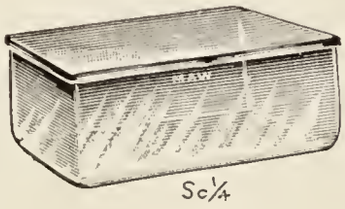
05154

Ligature Winders, glass, with polished edges—

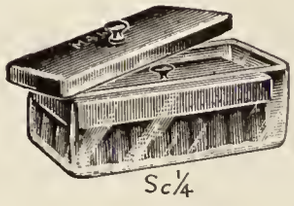
05153	Oblong, for 3 different sizes of silk.. .. .. per doz.	0	18	0
05154	Maltese Cross, $1\frac{1}{2}$ in., with engraved number and in various colours of glass .. .. per doz.	0	6	0



05155



05156

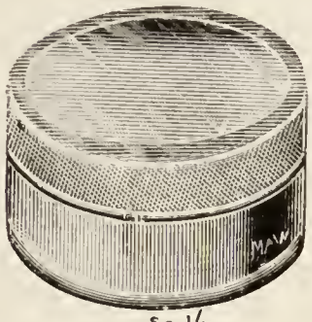


05158

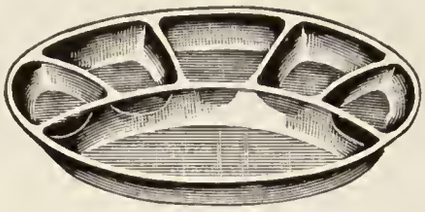
Nail Brush Boxes—

05155	With glass lid and brush attached, $4 \times 2\frac{1}{4}$ in.	0	2	6
05156	With glass lid and no brush, $5\frac{1}{2} \times 2\frac{1}{2}$ in.	0	2	0
05157	With nickel-plated copper lid and no brush, $5\frac{1}{2} \times 2\frac{1}{2}$ in... ..	0	3	6
05158	With metal lid and loose brush, $3\frac{3}{4} \times 2$ in.	0	2	6

Surgical Glass Ware, etc.—Contd.—

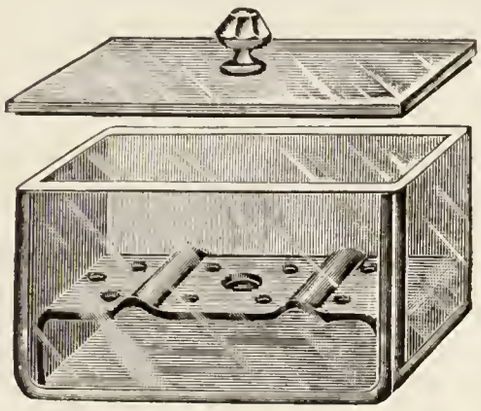


Sc 1/3

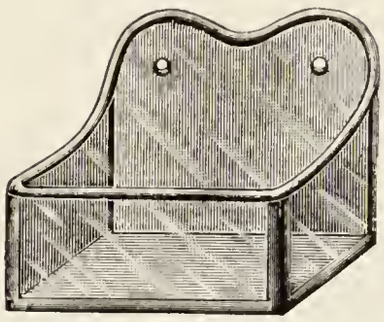


Sc 1/8

No.		£	s.	d.
	05159			
05159	**Needle Box,** with ground lid, 3 in. diameter	0	1	0
05160	**Needle Tray,** 12 in. diameter, with divisions	0	2	0



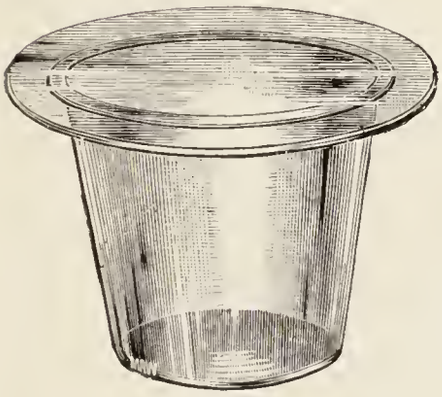
05161



05162

Soap Boxes—

05161	With glass lid, $6\frac{1}{4} \times 3\frac{1}{2}$ in. .. .. each	0	4	0
05162	Without lid, to hang on wall, $5\frac{3}{4} \times 4$ in. .. .. .. ,,	0	2	6



05163

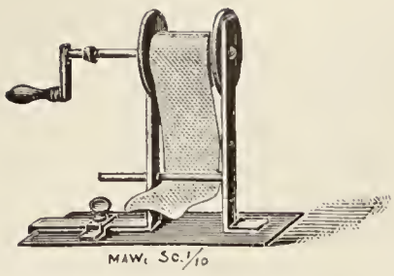
05166

05170

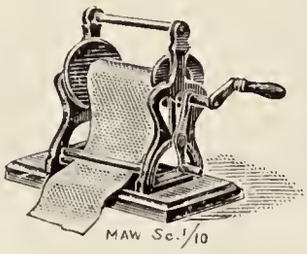
05164

05163	**Stool Inspection Pan,** with ground rim and plate-glass cover, as supplied to St. Bartholomew's Hospital .. .. each	0	9	6
	Dimensions—Height, $7\frac{1}{2}$ in. Diameter at top, 7 in.; at base, $5\frac{3}{8}$ in. Glass cover, 10 in. diameter.			
05164	**Urine Glass,** Continental pattern .. .. .. per doz.	0	4	10
05165	**Urine Jar,** with cover, graduated to $\frac{1}{2}$ pint, 4 sizes, each $\frac{1}{2}$ gal., **4/3**; 1 gal., **6/3**; $1\frac{1}{2}$ gal., **8/6**; 2 gal.	0	10	6
	Urine Specimen Glasses—			
05166	Conical, on foot, 6 oz. capacity .. .. .. per doz.	0	8	0
05167	Do. do., Hospital quality .. .. .. ,,	0	3	6
05168	Do. do., with half ground foot for writing the patient's name per doz.	0	9	6
05169	Glass Covers for Specimen Glasses Nos. 05166 and 05168 ,,	0	5	0
05170	Cylindrical, with conical bottom, $6\frac{1}{2}$ in. $\times 1\frac{1}{2}$ in. .. ,,	0	7	0

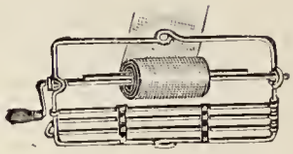
SURGICAL SUNDRIES, Etc.



05172

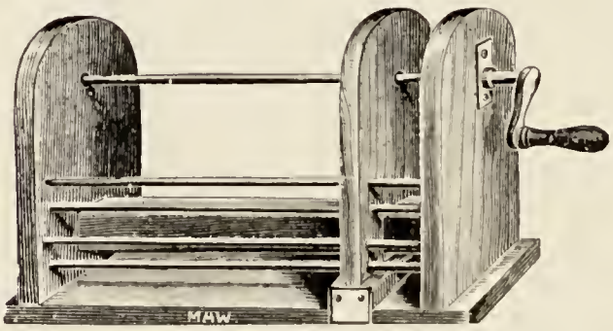


05171



05174

No.	**Bandage Winders—**	£	s.	d.
05171	Japanned Iron, green and gold, for bandages up to 3 in. ..	0	13	0
05172	Do. brown, adjustable for bandages up to 5 in. ..	0	10	3
05173	Do. white and gold, light model .. .. ,,	0	5	9
05174	Wire, Rowland's pattern, Aseptic and Portable, large, 6 in., per doz.	1	4	0
05175	Do. do. do., small, 3 in., for pocket use ,,	0	8	6



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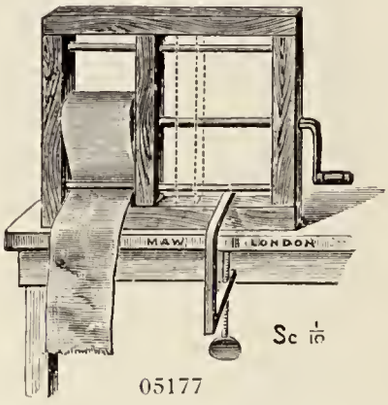
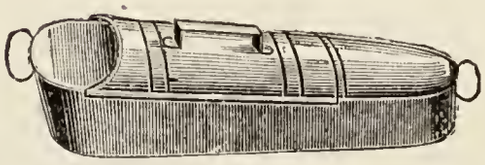


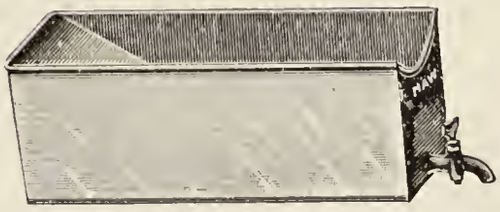
05177

05176	Wood, Mahogany, with brass fittings, for bandages up to 5½ in.	0	12	0
05177	Do. Tunstall's, for bandages up to 5½ in.	0	1	9

All Bandage Winders except Rowland's are supplied with clamps.



05179

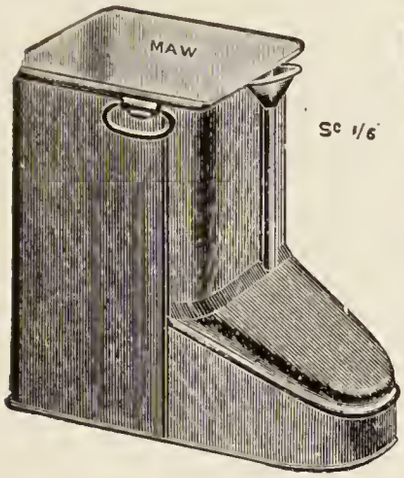


05181

05182

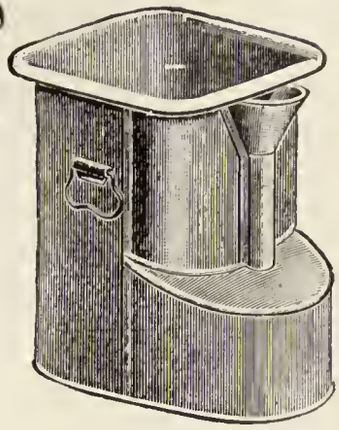
	Baths, Arm—			
05178	Enamelled Iron	0	10	0
05179	Tin, japanned	0	12	9
05180	Do. do., with tap	0	14	6
05181	Zinc, with sloping bottom	0	12	9
	Baths, Infants'—			
05182	Enamelled Iron, on folding iron stand, with soap dish, sponge dish and towel rail	0	15	0

Surgical Sundries, etc.—Contd.—



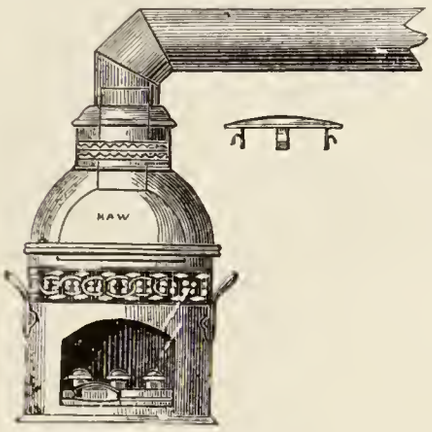
05184

05183



05185

No.	**Baths, Leg—**	£	s.	d.
05183	Japanned tin, white inside and grained oak outside	0	17	6
05184	Do. do., upright pattern, 2 sizes .. each, 11/6 and	0	10	0
05185	Enamelled Iron, upright pattern	0	17	6



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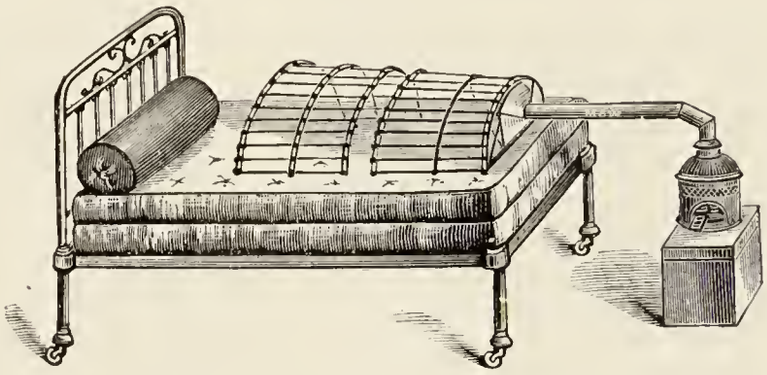
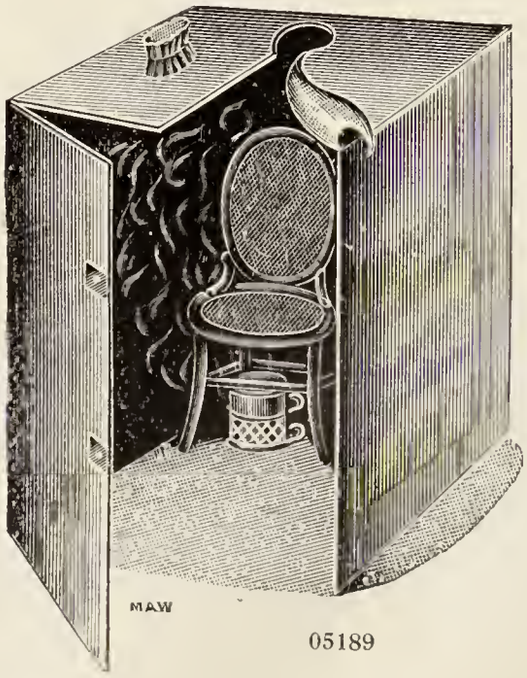


05187

Baths, Vapour and Hot Air—

05186	Heater, with tubes, complete in box	1	8	0
05187	Do. with tubes, foot-plate and two wicker frames for raising the bed clothes	2	0	0

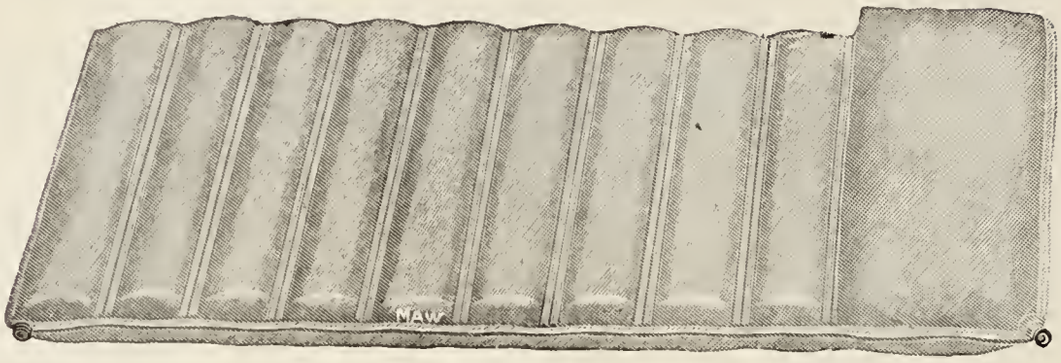
05188



05189

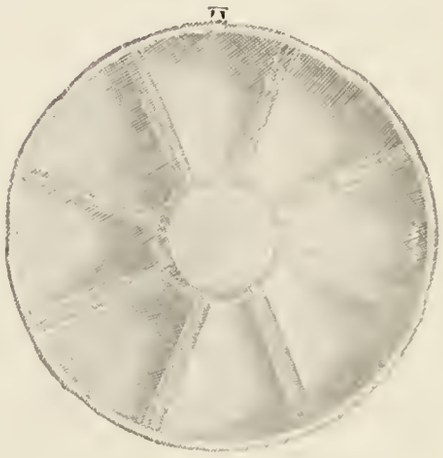
05188	Heater, with cloak and supports for use with chair	2	10	0
05189	The "Harrogate" Turkish Bath, for home use, with folding waterproof cabinet	0	16	6
05190	Do. do. do., with outside heater	0	19	0

Surgical Sundries, etc.—Contd.—

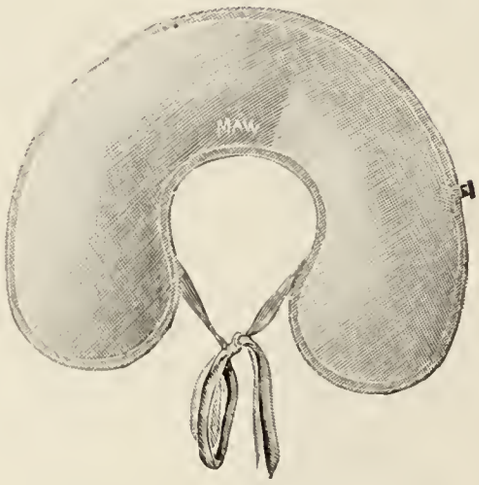


05191

No.	**Beds, Cushions and Pillows, Air—**	£	s.	d.
05191	Bed and Pillow combined, 72 × 36 in., with bellows for inflating ..	4	3	6
05192	Do. without pillow, 36 × 24 in.	2	5	6

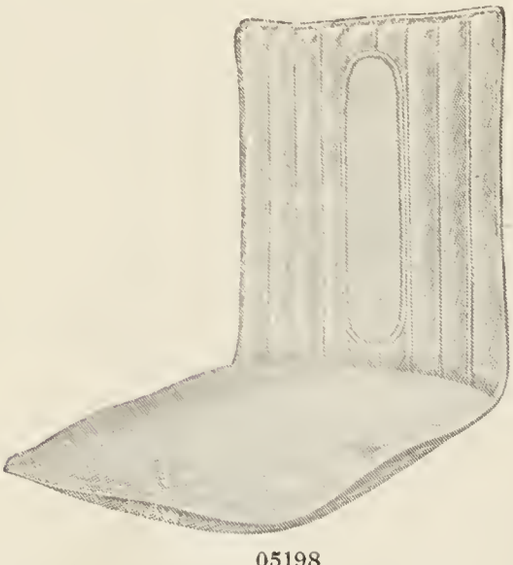


05195



05196

05193	Cushions, circular, plain .. .. .. 16 in., **6/6**; 18 in.	0	7	6
05194	Do. do., red rubber, 16 in., **13/-**; 18 in., **16/6**; 20 in.	0	19	6
05195	Do. do., reeded .. 16 in., **9/-**; 18 in., **10/6**; 20 in.,	0	13	9
05196	Do. horse-shoe shape .. ..23 × 16 in., **9/-**; 25 × 16 in.	0	9	6
05197	Do. do., red rubber .. ,, **18/-**; ,,	1	1	0

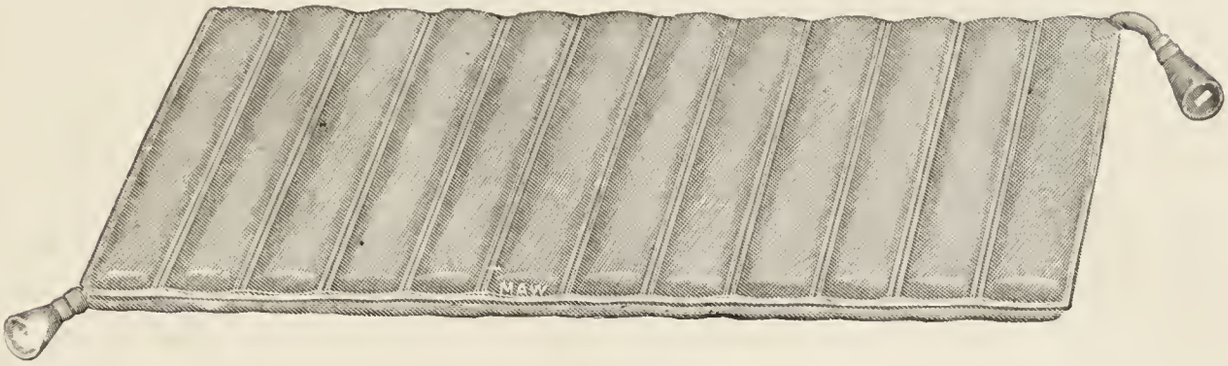


05198

05199

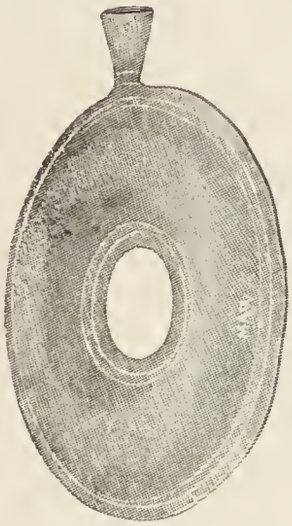
05198	Pillow, spinal, 22 × 18 in.	1	8	0
05199	Do. plain .. 18 × 15 in., **6/6**; 22 × 18 in., **8/6**; 26 × 18 in.	0	10	0
05200	Do. do., red rubber with central opening, 18 × 15 in., **18/3**; 18 × 18 in., **19/6**; 20 × 20 in.	1	4	0
05201	Do. reeded, French pattern, 16 × 14 in., **8/6**; 16 × 16 in., **9/6**; 18 × 15 in.	0	9	9
05202	Do. do., English pattern, 16 × 14 in., **8/-**; 16 × 16 in., **9/3**; 18 × 15 in., **9/6**; 18 × 18 in., **10/6**; 22 × 18 in.	0	12	0

Surgical Sundries, etc.—Contd.—

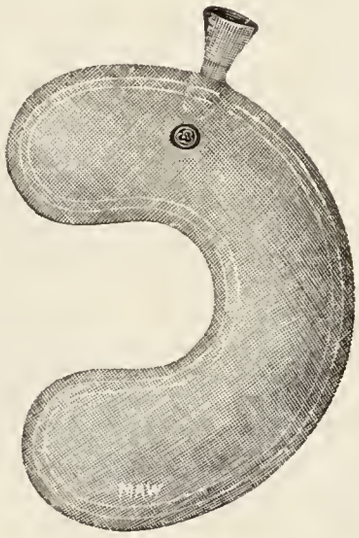


05204

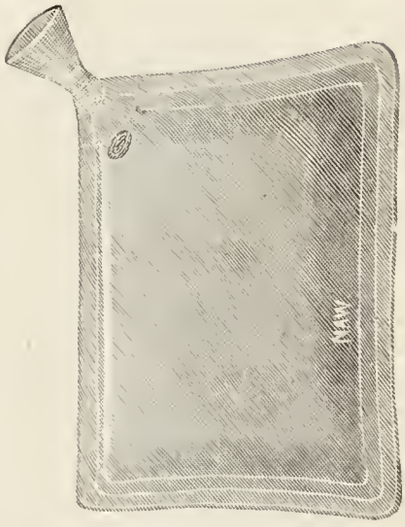
No.	Beds, Cushions and Pillows, Water—	£	s.	d.
05203	Bed, corrugated, 72 × 36 in. (made to order only)	12	0	0
05204	Do. ribbed, 30 × 24 in., **38/9** ; 36 × 24 in., **48/-** ; 36 × 36 in., **70/-** ; 48 × 36 in., **94/6** ; 72 × 30 in., **116/-** ; 72 × 36 in.	6	11	0
05205	Do. do., with central funnel for drainage, 72 × 36 in. ..	7	6	0



05206



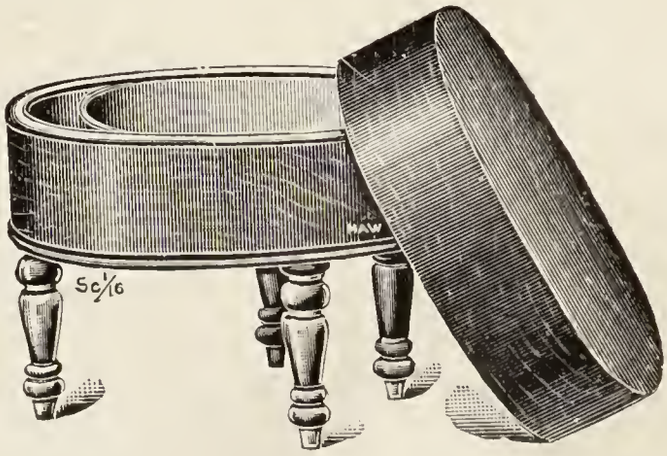
05207



05208

05206	Cushion, circular 16 in., **8/9** ; 18 in., **11/-** ; 20 in., **13/-** ; 22 in.	0	15	0
05207	Do. horse-shoe shape, 23 × 16 in., **11/-** ; 25 × 16 in., **11/6** ; 25 × 18 in.	0	12	0
05208	Pillow, square, 15 × 18 in., **12/9** ; 20 × 18 in., **15/9** ; 22 × 18 in., **16/9** ; 24 × 18 in., **17/3** ; 26 × 18 in., **19/3** ; 28 × 18 in.	1	0	6
05209	Do. do., with central depression for spinal cases, 22 × 18 in.	1	4	0

05210

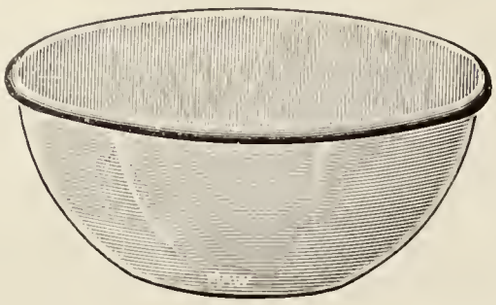


05211

Bidets—

05210	Enamelled iron, on folding iron stand	0	11	6
05211	Japanned tin, with double chamber, in polished mahogany case, with cover	3	0	0

Surgical Sundries, etc.—Contd.—

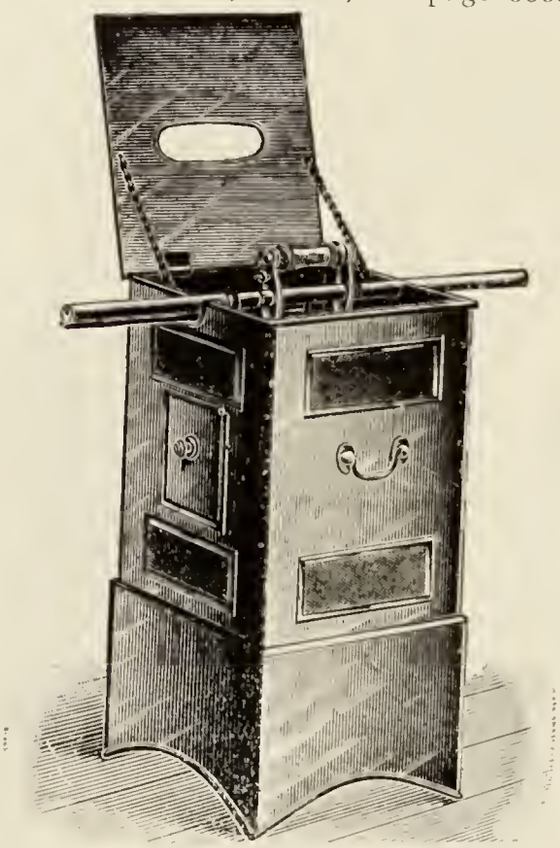


05212

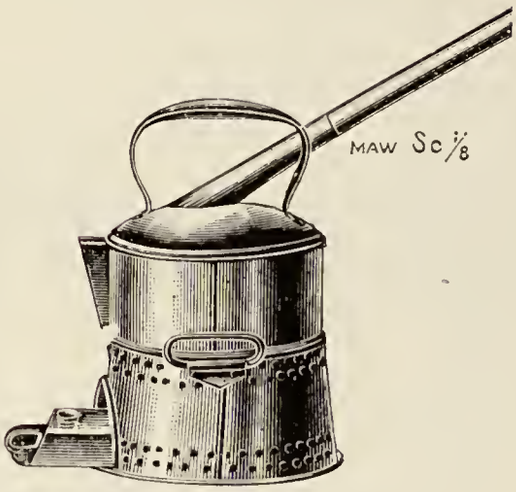
No.
05212 **Bowls, Lotion,** Enamelled Iron, white with blue rim—

Diameter	6 in.	7 in.	8 in.	9 in.	10 in.	12 in.	14 in.
Capacity	1½ pt.	2 pt.	3 pt.	4 pt.	8 pt.	12 pt.	20 pt.
Per doz.	6/-	7/-	9/-	11/-	14/-	20/-	30/-

Do. do., Glass, see page 606.



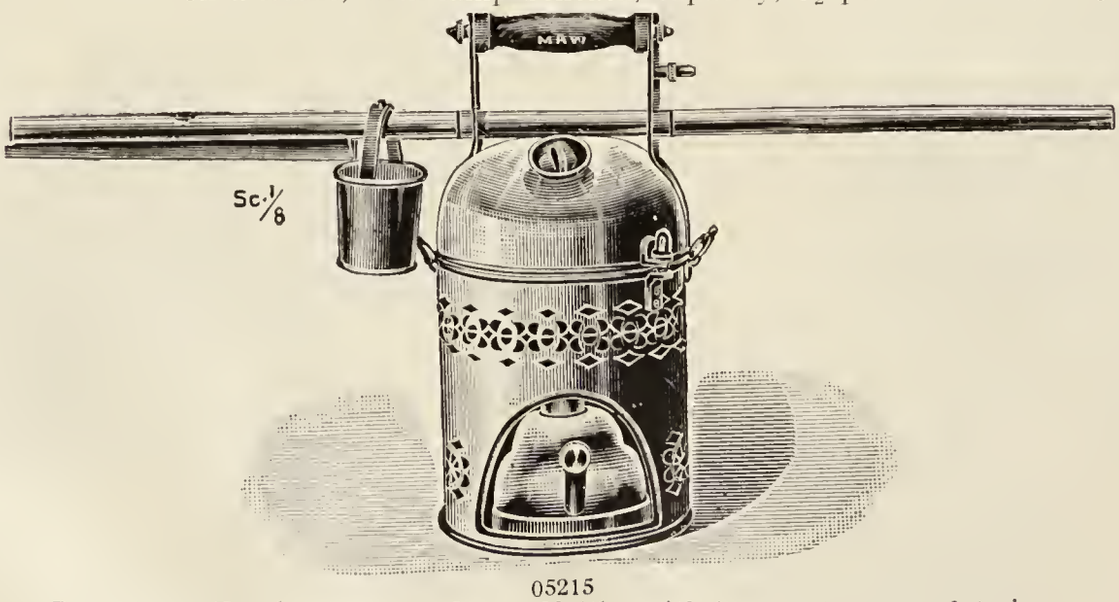
05213



05214

05213 **Bronchitis Kettle Stand or Protector** as used at St. Bartholomew's Hospital, to prevent upsetting of the lamp or kettle .. 2 2 6

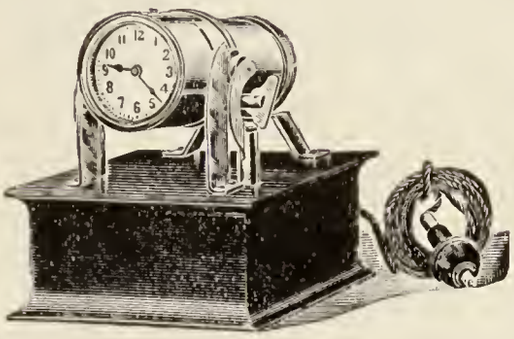
05214 **Bronchitis Kettle** with 3 ft. spout and perforated end piece, standing on a frame, with lamp beneath, capacity, 5½ pt. 0 11 6



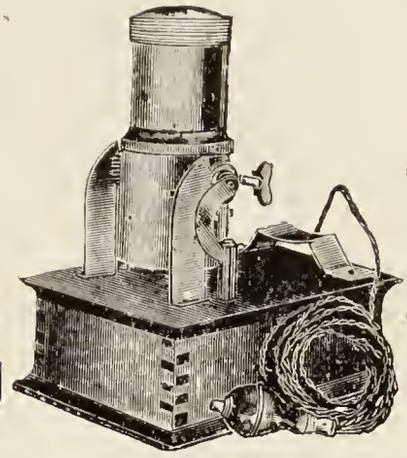
05215

05215 **Bronchitis, Tracheotomy or Croup Kettle,** with lamp, etc., complete in box, for use with No. 05213 stand 1 4 0

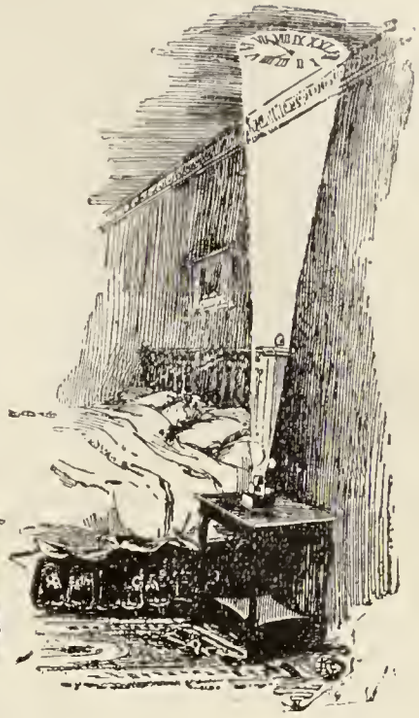
Surgical Sundries, etc.—Contd.—



In position for day use.



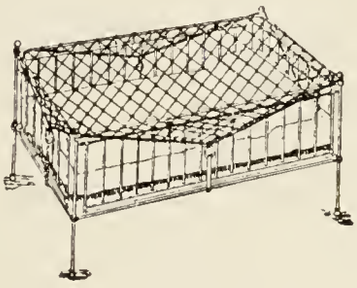
05216
In position for projecting.



A.

No.		£	s.	d.
05216	**Clock, Sick-room,** with electric projecting device, for sick-room ..	1	10	0

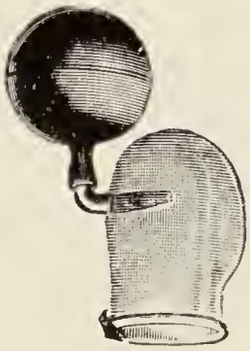
A—This illustration shows the ceiling clock in operation. By means of a very novel and ingenious contrivance the time is projected (very largely magnified) on to the ceiling. Thus, on waking up at night, by merely pressing a button, a very plain reflection of dial of clock is seen on the ceiling without any dazzling effect.



05217

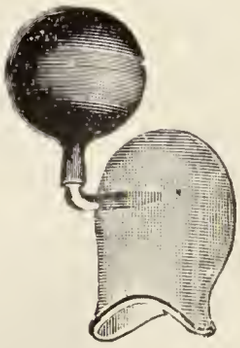
05217	**Cot Nets,** " The Beatrice," 3 sizes 4 ft., **3/-** ; 4 ft. 6 in., **3/6** ; 5 ft.	0	5	3

05218



05219

05220



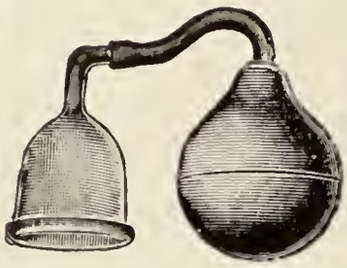
05221

Cupping Instruments—

05218	Bier's Suction Apparatus for Furuncle on the face..	0	1	4
05219	Do. do. do., for Furuncle, each, 1 in., **1/9** ; $1\frac{1}{4}$ in., **2/2** ; $1\frac{1}{2}$ in.	0	2	6
05220	Do. do. do., do. ,, 1 in., **1/9** ; $1\frac{1}{4}$ in., **2/2** ; $1\frac{1}{2}$ in.	0	2	6
05221	Do. do. do., for prominent Furuncle, each, $\frac{3}{4}$ in., **2/-** ; $1\frac{1}{4}$ in., **2/3** ; $1\frac{1}{2}$ in.	0	2	6

Surgical Sundries, etc.—Contd.—

05222

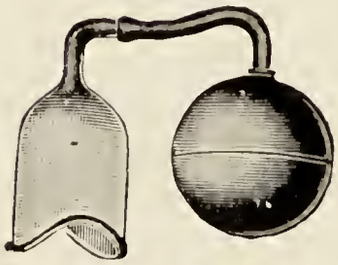

05223

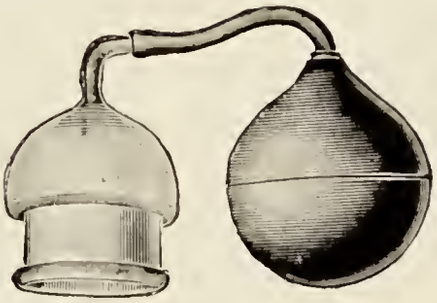
05224

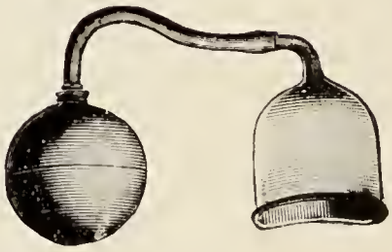
05225

Cupping Instruments—Contd.—

No.		£	s.	d.
05222	Bier's Suction Apparatus for Carbuncle each, 2 in., **3/-** ; $2\frac{3}{8}$ in.	0	4	0
05223	Do. do. do., for Furuncle each, 1 in., **2/6** ; $1\frac{1}{4}$ in., **3/-** ; $1\frac{1}{2}$ in.	0	3	3
05224	Do. do. do., do. ,, 1 in., **2/6** ; $1\frac{1}{4}$ in., **3/-** ; $1\frac{1}{2}$ in.	0	3	3
05225	Do. do. do., do. each, $1\frac{1}{2}$ in., **4/6** ; $1\frac{3}{4}$ in.	0	5	0

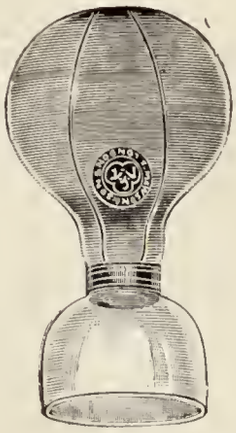

05226


05227


05228

05226	Bier's Suction Apparatus for prominent Furuncle each, $\frac{3}{4}$ in., **3/-** ; $1\frac{1}{4}$ in., **3/3** ; $1\frac{1}{2}$ in.	0	3	6
05227	Do. do. do., for Carbuncle and Abscess each, 2 in., **3/4** ; $2\frac{3}{8}$ in.	0	4	0
05228	Do. do. do., for Buboes each, 2 in., **3/6** ; $2\frac{3}{8}$ in., **3/9** ; $2\frac{3}{4}$ in.	0	4	6

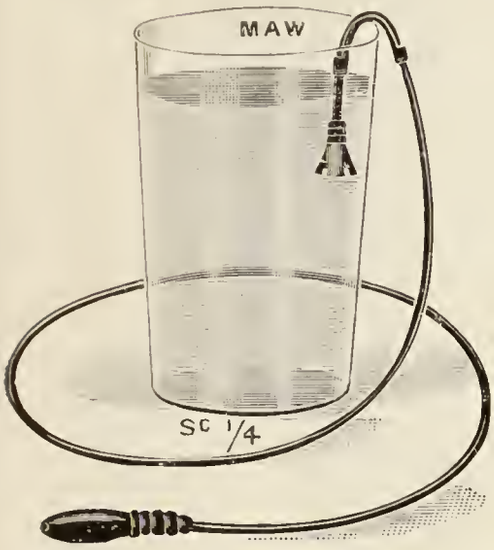
05229


05230

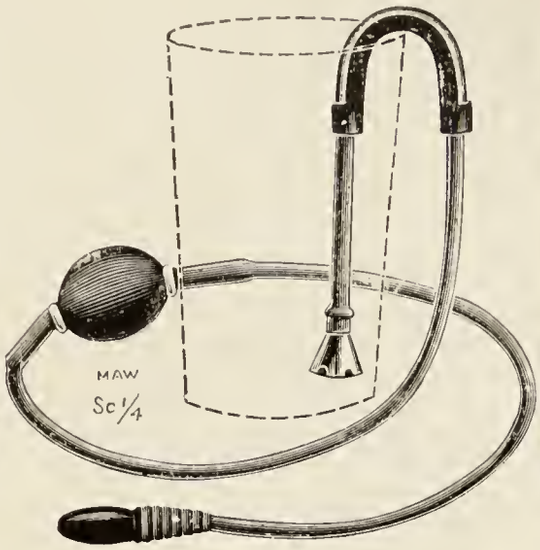
05231

05229	India-rubber Cupper .. .. $1\frac{1}{2}$ in., **3/-** ; 2 in.	0	5	0
05230	Glass, with India-rubber Exhauster .. 1 in., **1/6** ; $1\frac{1}{2}$ in.	0	2	0
05231	Do. Plain .. .. per doz., 2 in., **5/3** ; $2\frac{1}{2}$ in., **5/8** ; 3 in.	0	6	3
05232	Scarificator, 12 bladed	1	4	0

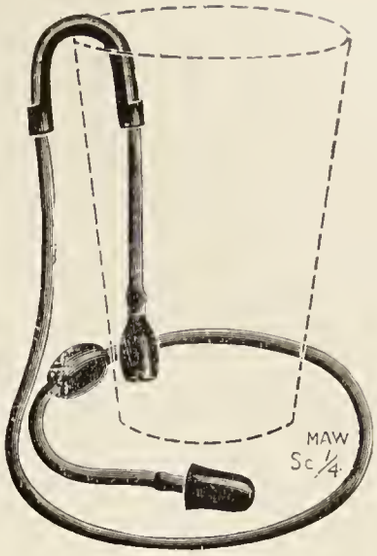
Surgical Sundries, etc.—Contd.—



05233

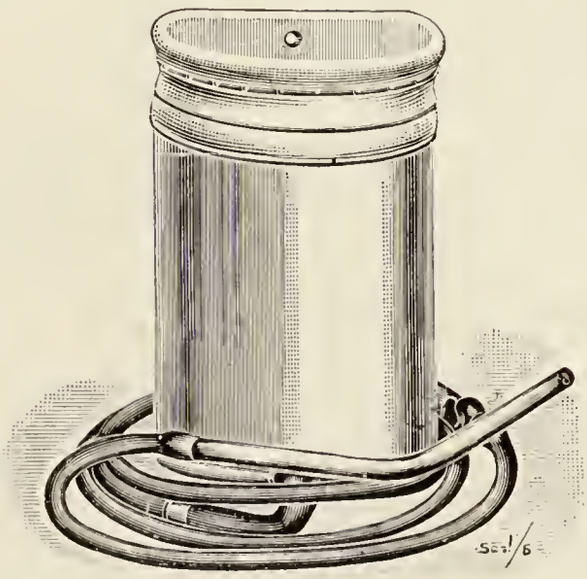


05235

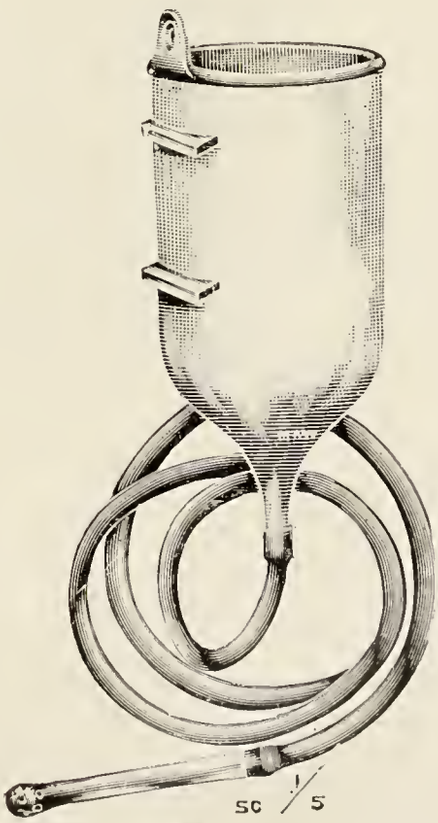


05237

No.	Douches, Nasal—	£	s.	d.
05233	Maw's, with metal sinker	0	1	0
05234	Do. with glass fittings and sinker	0	1	0
05235	Thudichum's, with red tubing, vulcanite mounts and metal sinker in cedar box	0	2	6
05236	Do. with black tubing and vulcanite mounts, without ball	0	2	0
05237	Weber's, with black tubing and vulcanite fittings and sinker ..	0	3	0
05238	Do. do. do., without ball	0	2	0



05239-40



05241-42

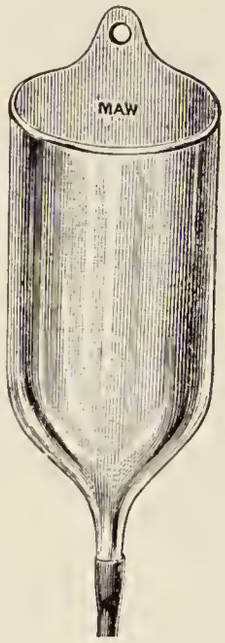
Douches, Vaginal, Earthenware—

Each fitted with 6 ft. of best red tubing, vulcanite stopcock and glass vaginal and rectal pipes—

05239	Maw's "Chinetta,"	1 qt.	0	3	3
05240	Do ,	2 qt.	0	3	9
05241	Maw's "Ideal,"	1 qt.	0	5	6
05242	Do.	2½ qt.	0	7	9

Surgical Sundries, etc.—Contd.—

05243



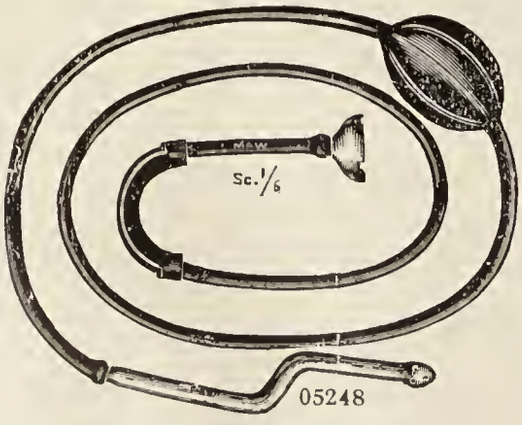
05244

No.	**Douches, Vaginal—Glass—**	£	s.	d.
05243	"Alexandra," glass, 2 pint, fitted with 6 ft. of red India-rubber tubing, glass pipe, vulcanite stop-cock	0	4	0
05244	"Aseptic," glass, graduated, with tapering end, fitted as 05243; 3 sizes, 1 qt., **3/6**; 2 qt., **4/-**; 4 qt.	0	6	0

05245

05246

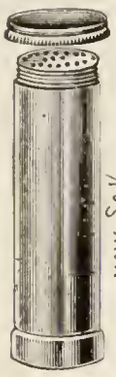
05245	**Douche, Vaginal,** japanned tin, "Eclipse," superior quality, fitted with 6 ft. of best red india-rubber tubing, vulcanite stop-cock, elastic gum vaginal pipe, leather shield and bone rectum pipe, 2 sizes .. .. 1 qt., **6/6**; 2 qt.	0	7	6
05246	**Douches, Vaginal,** Iron, white enamelled, fitted with 6 ft. of red India-rubber tubing, stop-cock and vulcanite vaginal and rectal pipes .. .. 1 qt., **3/-**; 2 qt.	0	3	6



05248

Surgical Sundries, etc.—Contd.—

No.		£	s.	d.
	Douches, Vaginal, Syphon Action—			
05247	"Midwives" pattern, consisting of 6 ft. of red India-rubber tubing, vulcanite U-piece, nickel-plated pinchcock, straight glass vaginal pipe and glass sinker	0	2	6
05248	Rotunda Hospital Pattern, consisting of 7 ft. of best black India-rubber tubing with ball, sinker, vulcanite U-piece, bent glass vaginal pipe, clip and tin can complete, 2 qualities, 5/6 and	0	8	0
05249	Do. do., in sponge bag, without can .. ..each, 5/- and	0	7	6

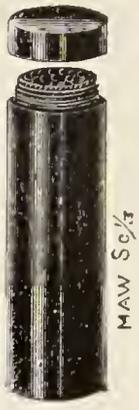


05250

05251-52

05253

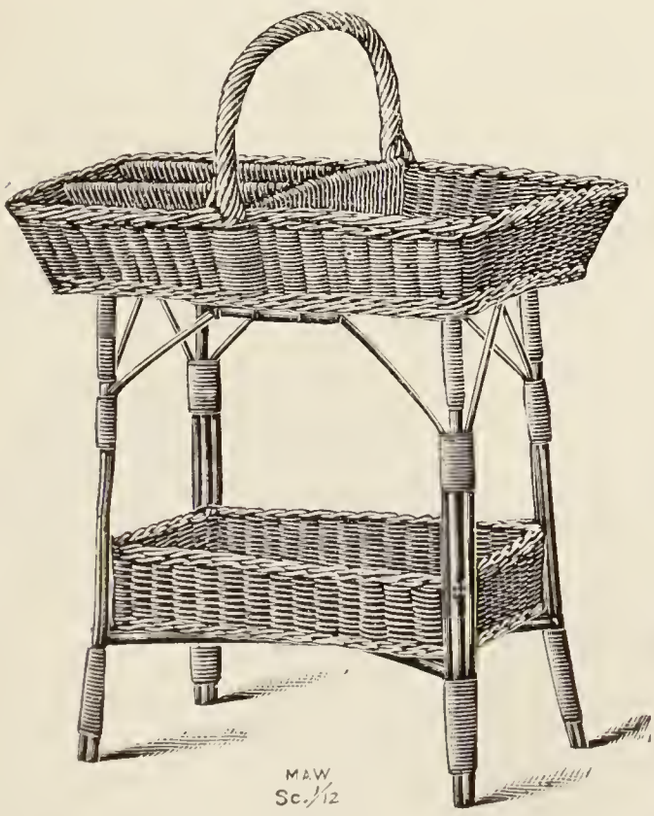
05255



05256

Dredgers—

05250	Aluminium, 1 oz.	0	3	0
05251	Octagon, Maw's, glass with metal top, white, per doz., 1 oz., 2/1; $1\frac{1}{2}$ oz., 2/2; 2 oz., 2/4; 3 oz., 2/8; 4 oz	0	3	0
05252	Do do do., blue, per doz., 1 oz., 2/1; $1\frac{1}{2}$ oz., 2/2; 2 oz., 2/4; 3 oz., 2/8; 4 oz.	0	3	0
05253	Glass, with metal top, 1 oz.	0	1	9
05254	Metal, nickel-plated, 1 oz.	0	1	0
05255	Do. do., Army Pattern, 4 oz.	0	2	6
05256	Vulcanite, two sizes .. .. 1 oz., 1/6; 2 oz.	0	2	6

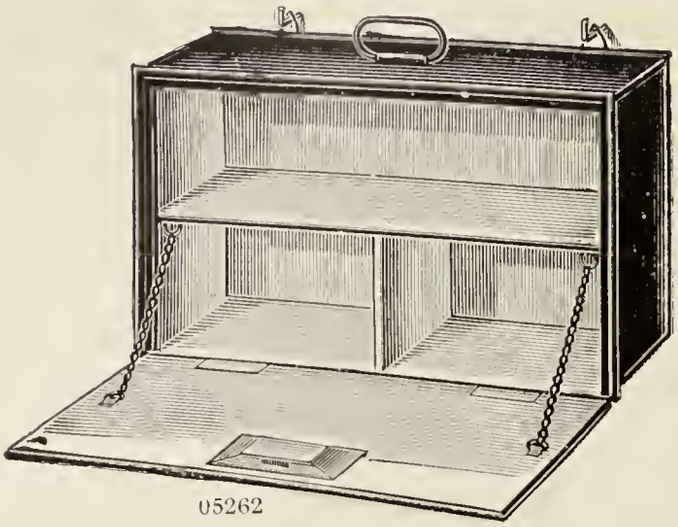


05257

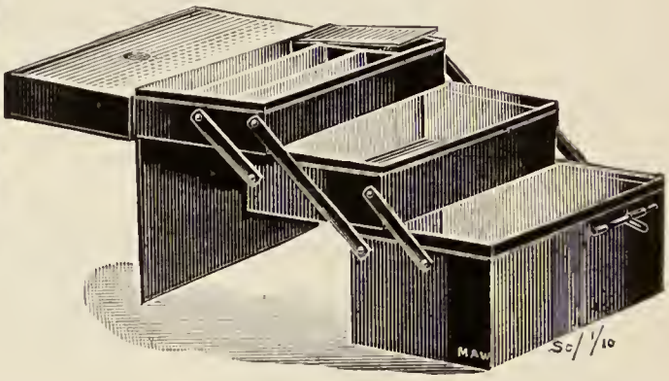
05260-61

05257	**Dressing Basket,** 17 in. by 11 in., with divisions, standing on legs, with tray beneath	0	16	0
05258	Do. do. do., without divisions	0	14	6

Surgical Sundries, etc.—Contd.—



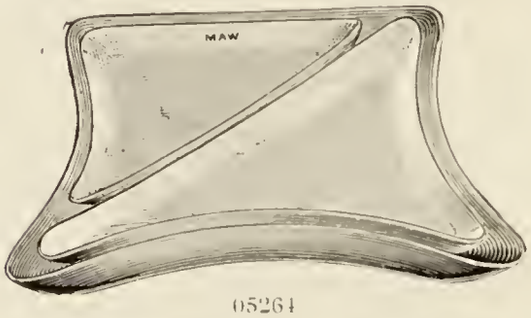
05262



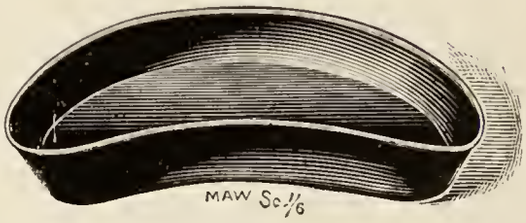
05263

No.	**Dressing Boxes—**	£	s.	d.
05259	Japanned tin, 13 in. by $7\frac{1}{2}$ in. by $7\frac{1}{2}$ in. .. white, **10/6**; black	0	9	6
05260	Do. with tray, 16 by 10 by 10 in., white, **18/6**; black	0	17	6
05261	Do. do. 20 by 12 by 12 in., white, **22/-**; black	1	1	0
05262	Do. with drop-down front, and lock and key black	0	15	6
05263	Do. with hinged trays, $11\frac{1}{2}$ in. by $5\frac{1}{2}$ in. by $9\frac{1}{2}$ in. ,,	0	14	0

Glass, see page 606.



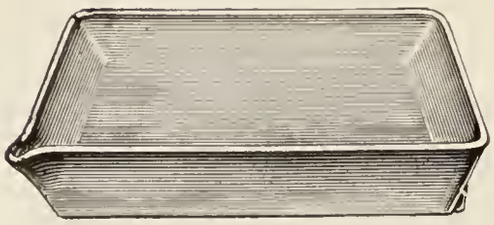
05264



05270

Dressing and Instrument Trays (for Glass Trays see page 607)—

05264	Guy's Hospital pattern, earthenware .. .. per set of 3	0	9	0
05265	Kidney shape, earthenware, 6 in., **-/9**; $8\frac{1}{4}$ in., **1/-**; 10 in., **1/5**; 11 in., **1/9**; 15 in.	0	2	9
05266	Do. enamelled iron, 10 in., **1/2**; 12 in., **1/7**; 14 in.	0	2	3
05267	Do. nickel-plated .. 9 in., **3/9**; 10 in., **4/3**; 12 in.	0	6	0
05268	Do. papier maché, black, per doz., 6 in., **4/-**; $8\frac{1}{2}$ in., **5/6**; $10\frac{1}{4}$ in., **7/6**; $12\frac{1}{4}$ in.	0	10	0
05269	Do. do., white, per doz., 6 in., **4/6**; $8\frac{1}{2}$ in., **6/6**; $10\frac{1}{4}$ in., **9/-**; $12\frac{1}{4}$ in.	0	13	6
05270	Do. vulcanite, each 9 in., **3/6**; 10 in., **4/-**; $10\frac{1}{2}$ in.	0	4	6



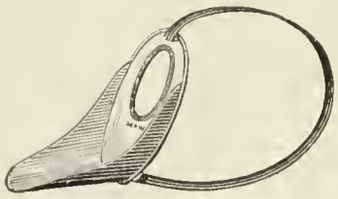
05271

05273

05271	Square, earthenware, deep, 8 × 6 in., **1/-**; 10 × 8 in., **1/6**; 12 × 10 in.	0	2	6
05272	Do. do., shallow $3\frac{1}{2} \times 3\frac{1}{2}$ in., **-/8**; 10 × 8 in., **1/6**; 12 × 10 in.	0	2	6
05273	Do. do., with scalpel rack, 12 × 6 in., **7/-**; 14 × 8 in.	0	12	6
05274	Do. enamelled iron, 8 × 6 in., **1/3**; 10 × 8 in., **1/9**; 12 × 9 in., **2/3**; 14 × 10 in., **2/9**; 16 × 12 in.	0	3	9
05275	Triangular, earthenware, $8\frac{1}{2}$ in.	0	1	6
05276	Do. enamelled iron, 9 in.	0	2	0
05278	Do. papier maché, 10 in.	0	1	6
05279	Do. vulcanite .. .. $8\frac{1}{2}$ in., **4/6**; $9\frac{1}{2}$ in.	0	5	0

Surgical Sundries, etc.—Contd.—

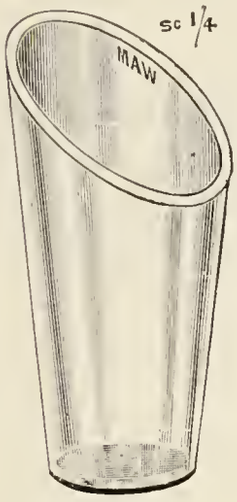
05280



05281

05282

No.	Ear Channels—	£	s.	d.
05280	With Spring for Head, nickel-plated	0	2	0
05281	With India-rubber Head Band	0	2	6
05282	With Elastic Loop for Ear	0	1	6



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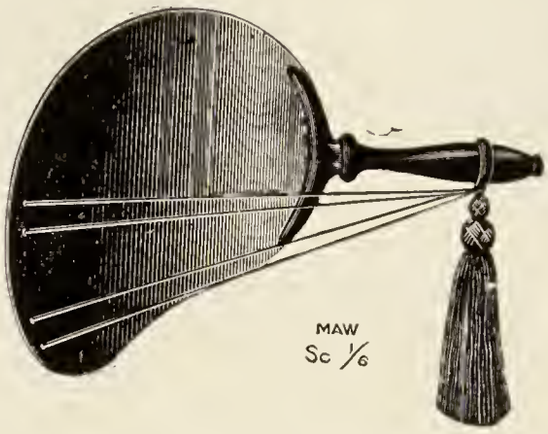
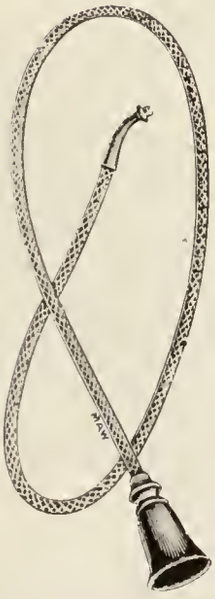


05285

	Ear Troughs—			
05283	Glass	0	2	0
05284	Tin, white japanned	0	1	6
	Ear Trumpets, Conversation Tubes, etc.—			
05285	Audiphone, a fan-shaped instrument of vulcanite to hold between the teeth, and thus to conduct the sound vibrations to the auditory nerves	0	12	6



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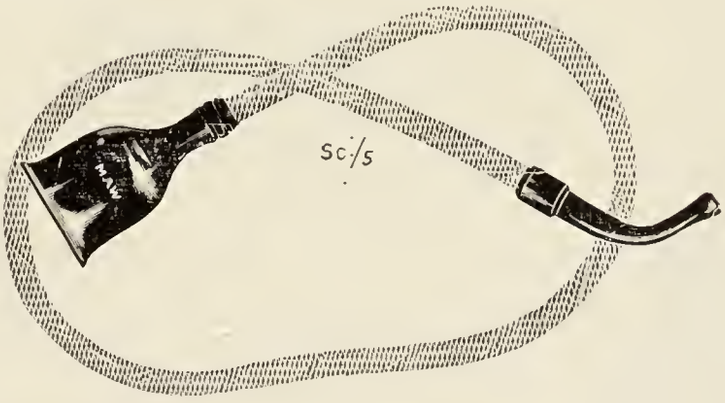
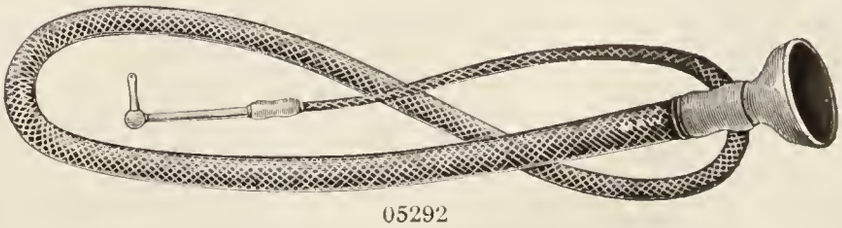


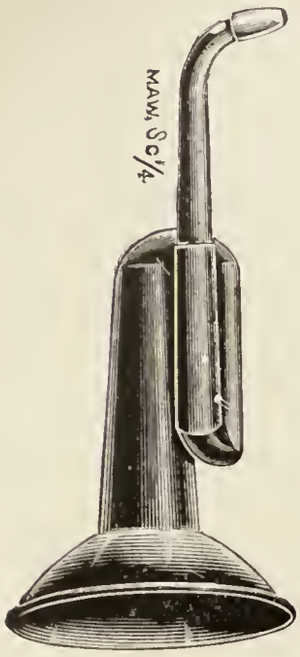
05291



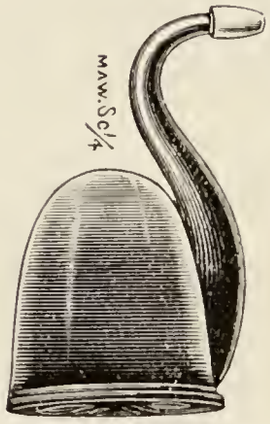
05292

05286	Conversation Tube,	Mohair, 43 in. long, with vulcanite mounts..	0	3	6
05287	Do.	do., Blue silk, 45 in. long, with vulcanite mounts	0	8	0
05288	Do.	do., Brown silk, 42 in. long, with ebony mounts..	0	10	0
05289	Do.	do., Conical, mohair, 41-in., with vulcanite mounts	0	7	0
05290	Do.	do., do., 38-in. long, with metal receiver ..	0	7	9
05291	Do.	do., Flexible metal, 45 in., with vulcanite mounts	0	4	6
05292	Do.	do., Tapering, silk, 57 in. long, with ebony mounts	1	2	6

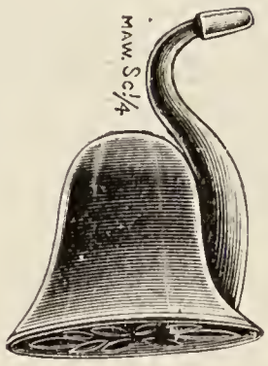
Surgical Sundries, etc.—Contd.—



05293



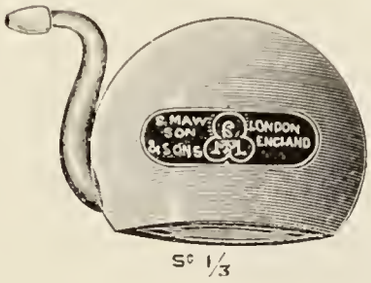
05294-95



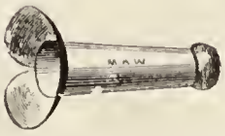
05296-97

No.	Ear Trumpets, Conversation Tubes, etc.—Contd.—	£	s.	d.
05293	Ear Trumpet, Calvert's, bronzed	0	5	3
05294	Do. Curtis's, bronzed, three sizes each, **4/6**, **5/-** and	0	5	9
05295	Do. do., nickel-plated, three sizes ,, **7/6**, **8/6** and	0	9	0
05296	Do. Martineau's, bronzed, three sizes ,, **5/-**, **5/6** and	0	6	0
05297	Do. do., nickel-plated, three sizes each, **11/6**, **13/-** and	0	14	6

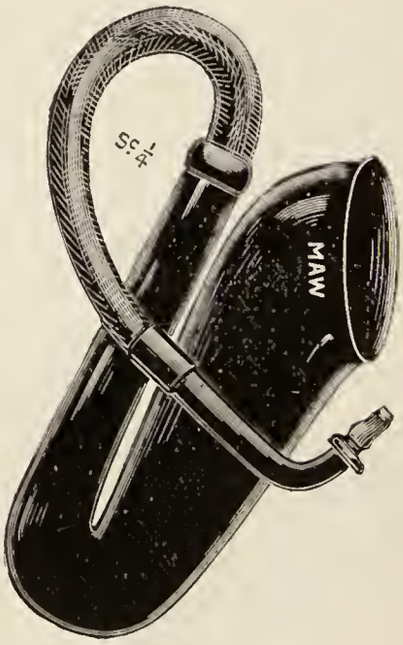
05298



05299



05301



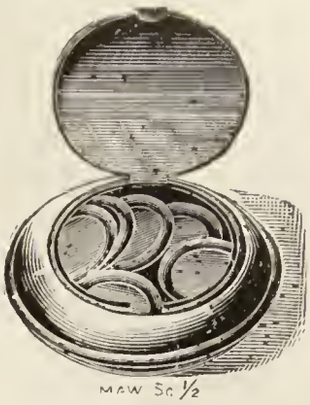
05300

05298	Ear Trumpet, for pocket use with collapsible rubber receiver ..	0	4	0
05299	Do. Swan shape, bronzed, three sizes, each, **5/9**, **6/9** and	0	7	6
05300	Do. Vulcanite, with flexible tube, three sizes each, **13/6**, **15/-** and	0	17	6
05301	Ear Tubes, for magnifying the sound, silver gilt .. per pair	0	7	0
05302	Do. do. do., celluloid .. ,,	0	1	6

Surgical Sundries, etc.—Contd.—

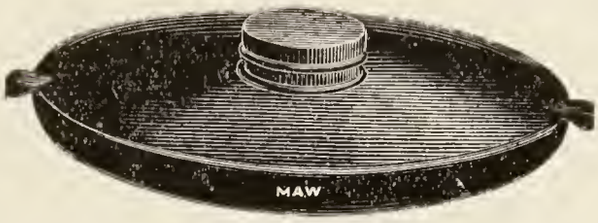
Finger Stalls—

No.		£	s.	d.
05303	Rolled, in metal cases, containing 1 doz. per case	0	0	9
05304	Do. in wood boxes, containing 1 doz. per box	0	0	8



05303

05305

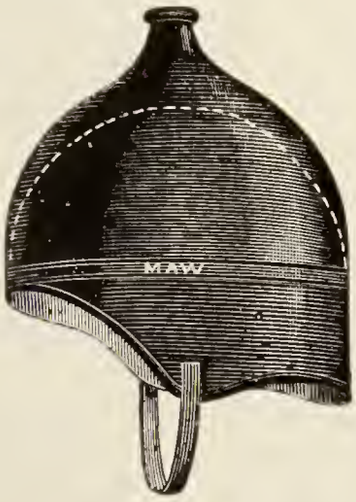


05307

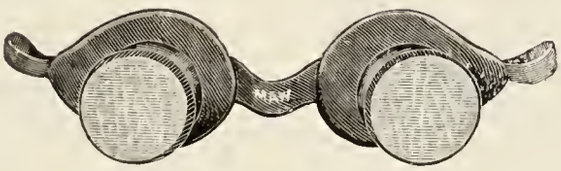
05308

Ice and Hot Water Bags—

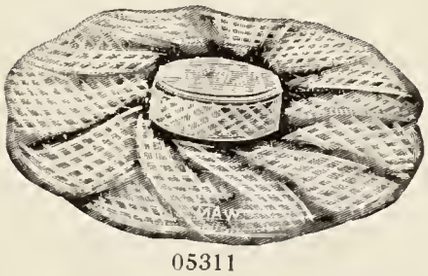
No.		£	s.	d.
05305	For the ear	0	1	6
05306	For the eye .. .. single, 1/- ; double	0	1	9
05307	For the abdomen, chest, or back	0	7	0
05308	For the face	0	2	3



05309



05310



05311

05309	For the Head, Helmet shape	0	6	6
05310	For the Neck	0	2	3
05311	Circular, Check Waterproof, 7 in., 1/- ; 8 in., 1/2 ; 9 in., 1/3 ; 10 in.	0	1	4

05312

05313

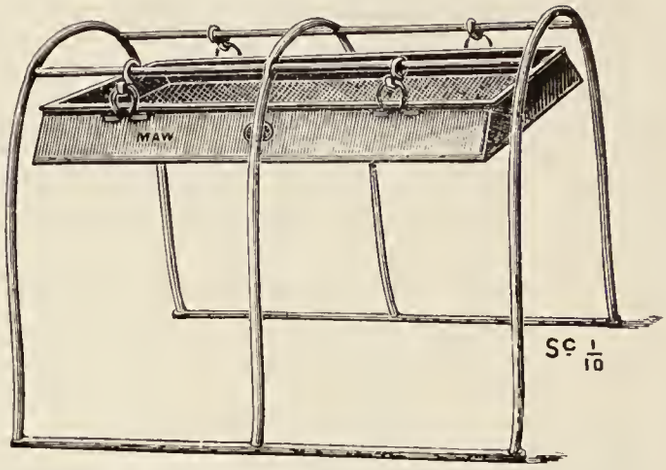
05314

05315

05312	Circular, black rubber .. 6½ in., 4/8 ; 7½ in., 5/- ; 8½ in.	0	5	6
05313	Oval, for heart affections	0	2	9
05314	For the Scrotum	0	2	9
05315	Conical Bag, with boxwood cap, for various parts of the body ..	0	5	0

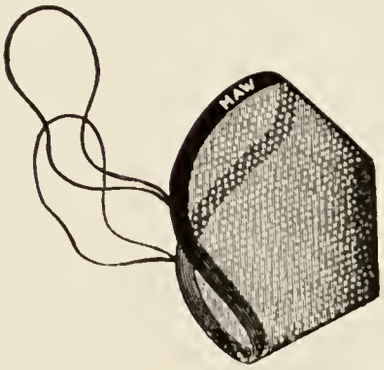
Surgical Sundries, etc.—Contd.—

05316



05317

No.	Ice Water Appliances—	£	s.	d.
05316	Spiral Coil, composed of flexible aluminium tubing, complete with india-rubber tubing .. .. 22 in., **14/6**; 20 in.	0	10	6
05317	Ice Cradle, with zinc tray, for reducing the temperature in cases of typhoid and other fevers	1	5	0



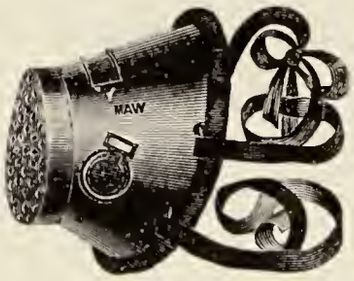
05318

05320

05322

Inhalers for use with Antiseptic Solutions—

05318	Burney Yeo's, perforated zinc, with bound edges, small, **-/6**; large	0	0	9
05319	Do. do., covered with black silk .. .. small	0	0	9
05320	Coghill's, with perforated inner tray, Vulcanite, **2/9**; Metal	0	2	0
05321	Solution for ditto .. .. .. per doz. bottles	0	8	0
05322	Hausemann's .. .. .. Vulcanite, **3/9**; Nickel-Plated	0	2	0



05323

05325

05323	Mackenzie's, with side valves, Vulcanite, **4/6**; Nickel-Plated or Bronzed	0	4	6
05324	Muthu's, for inhalation of Formic Aldehyde	0	1	6
05325	Robert's, with hinged front, Nickel-Plated or Bronzed ..	0	1	6

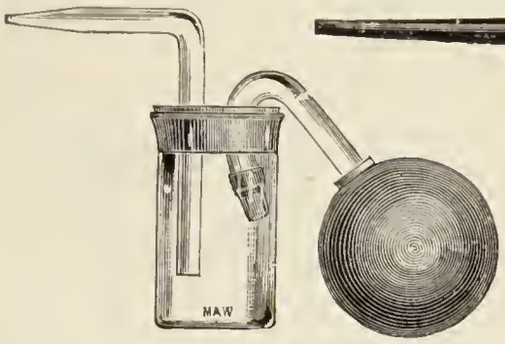
05326

05327

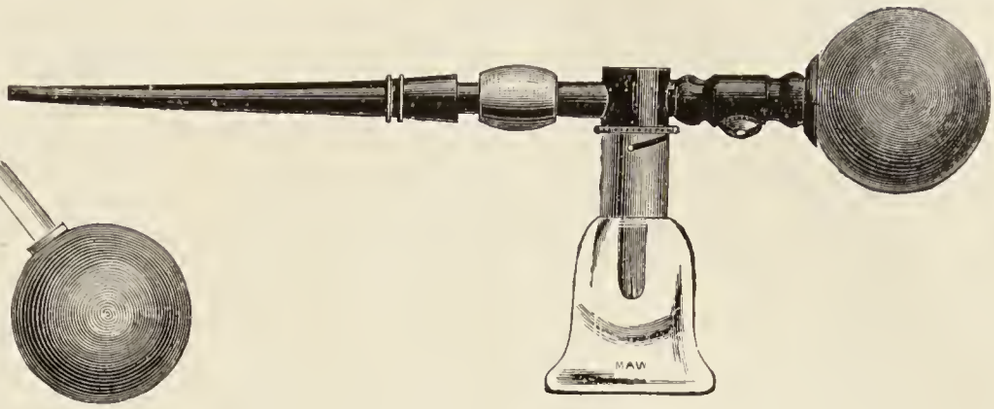
Insufflators—

05326	Butlin's, for self use, India-rubber, with glass mounts	0	0	6
05327	Lucae's, India-rubber ball with vulcanite tube	0	1	6

Surgical Sundries, etc.—Contd.—



05328

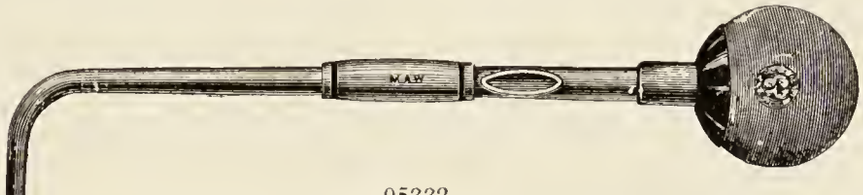


05329

No.	**Insufflators—Contd.—**	£	s.	d.
05328	Maw's, with glass barrel and India-rubber ball	0	2	6
05329	Kabierske's, with glass chamber, India-rubber ball and vulcanite end-piece	0	5	6

05330

05330	Metal Pump Insufflator, with vulcanite end-piece	0	2	6



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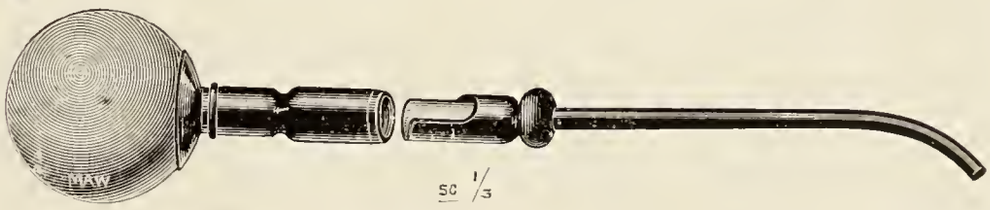
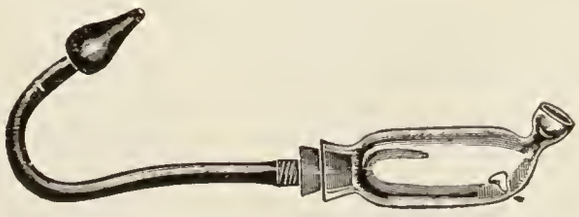


05334

05331	"Nebula," glass, with single red bellows	0	1	6
05332	Rauchfuss's, with India-rubber ball and vulcanite chamber, Maw's Super	0	2	6
05333	Do. do., "B" quality	0	1	6
05334	Do. with India-rubber ball, detachable pipe and scoop end	0	2	0



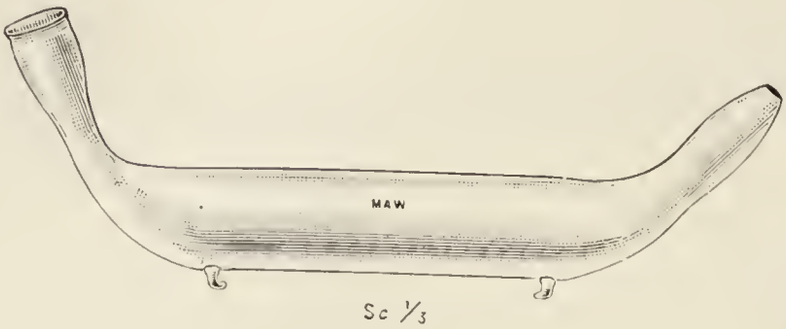
05336

05338

Irrigators, Nasal—

05335	Baker's, glass	0	2	0
05336	Do. do., with vulcanite tube	0	2	6
05337	Fränkel's	0	0	6
05338	Maw's Aseptic, all glass, in card box	0	0	6

Surgical Sundries, etc.—Contd.—



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05339

05340

No.	**Irrigators, Nasal—Contd.—**	£	s.	d.
05339	Quadruped, in card box	0	1	0
05340	Woake's, glass, with India-rubber nozzle	0	1	3

05341

Irrigators, Wound—

05341	Middlesex Hospital Pattern, Porcelain, with flat bottom— 1 qt., 5/- ; 1½ qt. 5/6 ; 2 qt.	0	6	0
05342	Do. do., Enamelled Iron, 1 qt 4/- ; ,,	0	5	0

Each of the above Irrigators is fitted with two yards of best red India-rubber tubing and a conical glass pipe.

05343

05344

05345

05346

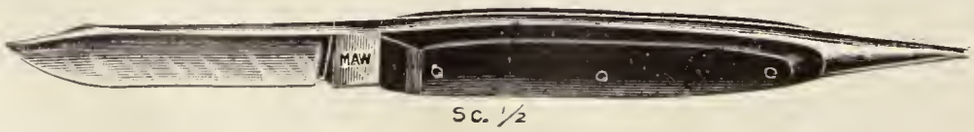
05348

05349

05350

Irrigator or Wound Pipes—

05343	Glass, with collar .. .. each, -/4, per doz.	0	2	0
05344	Do. with groove for return flow .. .. .. ,,	0	6	0
05345	Do. Conical, with collar .. .. .. each, -/4, ,,	0	3	0
05346	Do. do., Moorfield's pattern .. .. ,, -/4, ,,	0	2	0
05347	Do. do., do., flattened ,, -/4, ,,	0	3	0
05348	Vulcanite, single-way, with push-over cock, Maw's Super Quality per doz.	1	16	0
05349	Do. do. do., "B" quality .. ,,	0	18	0
05350	Do. two-way, with taps .. .. each	0	4	6



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05351

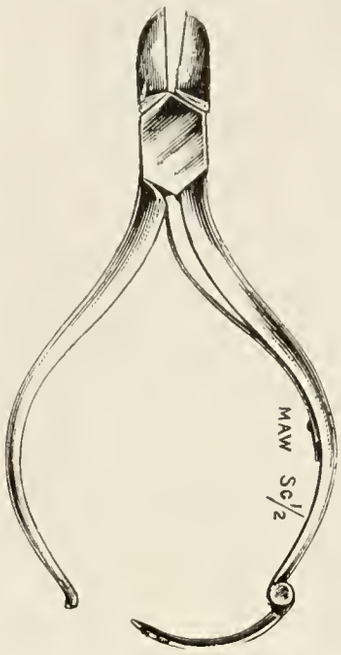
Knife, Bandage—

05351	Gypsum Bandage Knife, Army regulation pattern (Esmarch's)	0	3	0

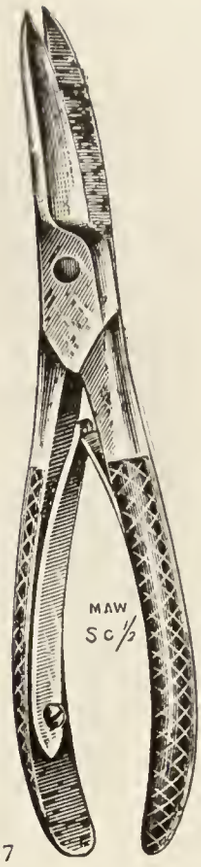
Surgical Sundries, etc.—Contd.—

05352

05353

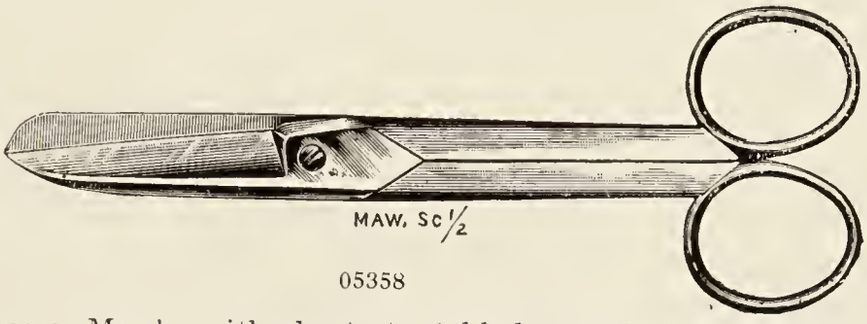


05354



05357

No.		£	s.	d.
05352	**Nail Cleaner,** nickel-plated	0	2	0
	Nail Nippers, Shears, etc.—			
05353	Toe Nail Nippers	0	4	6
05354	Nippers, Spring, with Catch Handle, Nickel-Plated, " A " quality	0	3	0
05355	Do. do. do., " B " quality	0	2	0
05356	Do. do. do., Extra strong	0	3	6
05357	Shears, Eperle's	0	9	6



05358

05358	Shears, Maw's, with short stout blades, and plated shanks ..	0	4	0

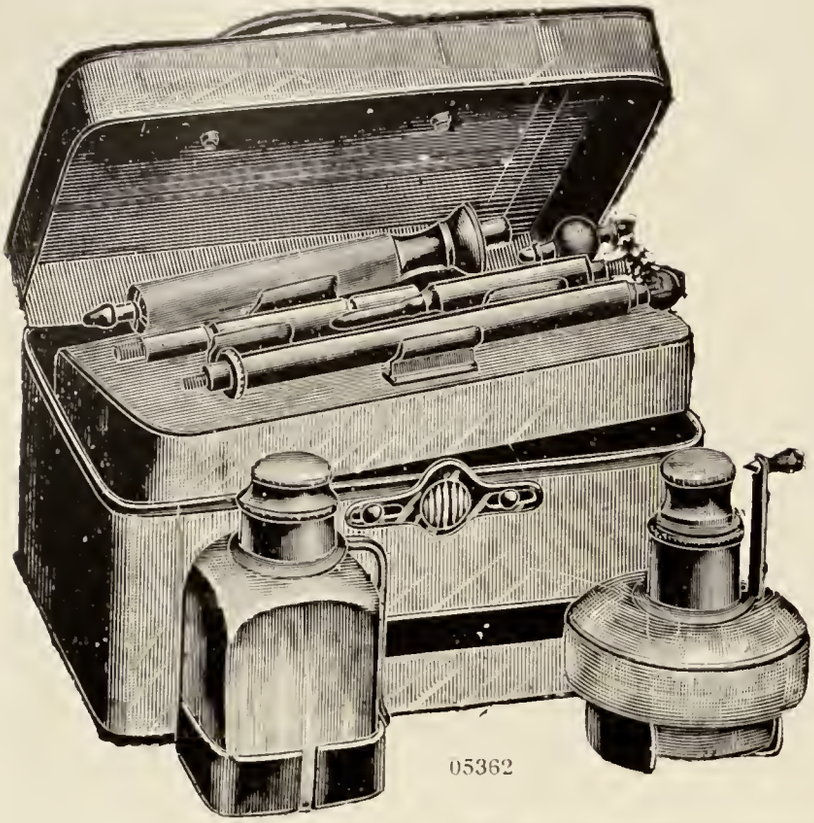
05359

05360

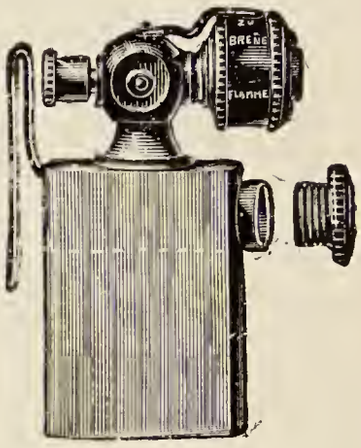
Nasal Syringes—

05359	Lennox Browne's, with vulcanite acorn-shaped nozzle, 2 oz. ..	0	2	6
05360	Lennox Browne's, for posterior nares	0	3	0
05361	Politzer's, with vulcanite nozzle	0	4	0

Surgical Sundries, etc.—Contd.—



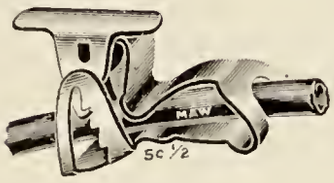
05362



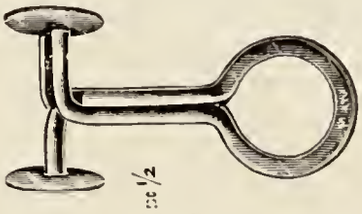
05363-64

05365

No.	**Paquelin's Cautery—**	£	s.	d.
05362	Large Set, consisting of two platinum burners, spirit lamp, benzoline bottle and bellows, in mahogany or nickel-plated metal case	3	10	0
	These sets are now supplied with fine-pointed and broad-pointed burners.			
05363	Portable Set, with nickel-plated reservoir, one fine-pointed platinum burner and bellows, in leather case..	1	14	0
05364	Do. do. do., with two platinum burners..	2	15	0
05365	Platinum burners. .. .. broad, from 22/- ; narrow, from	0	12	0



05366

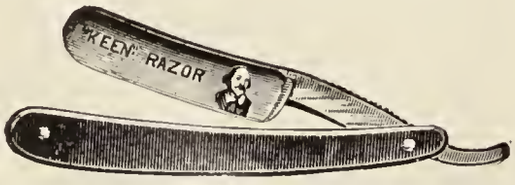


05367

05368

Pinchcocks for use with India-rubber Tubing, etc.—

05366	Nickel-plated, adjustable .. .. per doz.	0	3	6
05367	Spring Wire, nickel-plated, for douches, etc., three sizes, per doz., 3/-, 4/- and	0	5	0
05368	Do. do., small size, for catheters .. .. per doz.	0	5	6



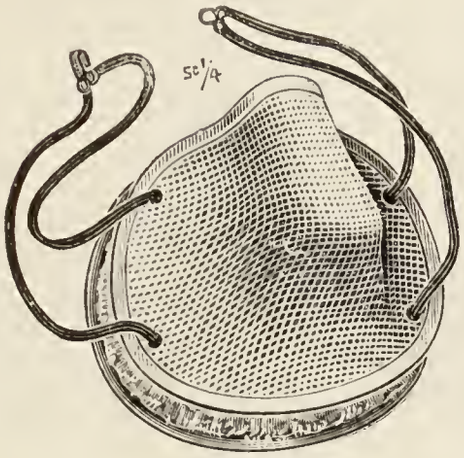
05369

05370

Razors—

05369	Butler's "Keen"	0	3	0
05370	Maw's, "No. Eleven"	0	2	9
05371	Do. "Quickset"	0	1	0
05372	Safety Razor, MAW's "Ajusta"	0	2	0

Surgical Sundries, etc.—Contd.—

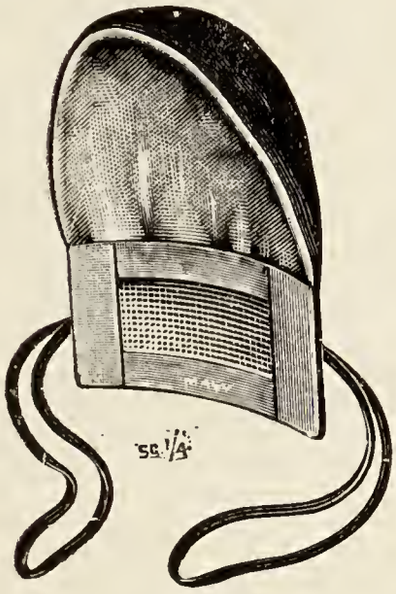


05374

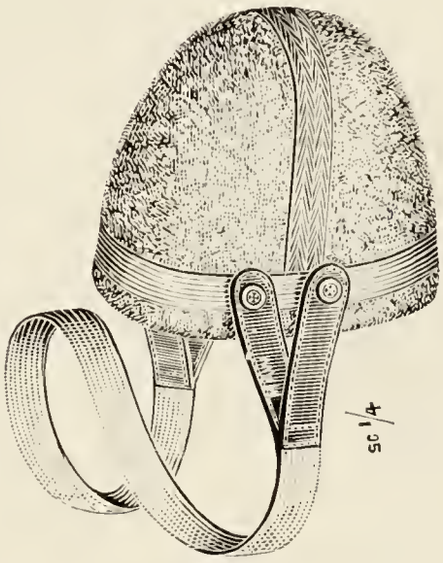
05375

Respirators for Factory or Motor use, to protect Mouth and Nose from Dust, etc.—

No.		£	s.	d.
05373	"Crinoline," with malleable wire frame	0	1	6
05374	"Dust-proof," aluminium gauze, with malleable frame for cotton-wool filter	0	3	0
05375	Aluminium with Valves	0	3	0

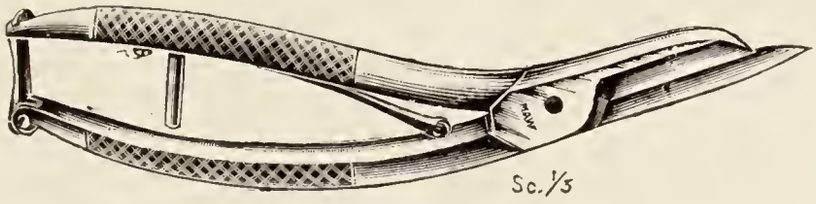


05376



05377

05376	Miners', wire gauze, with black alpaca covering and nose bag ..	0	4	0
05377	Sponge, as used in the South African mines	0	6	6

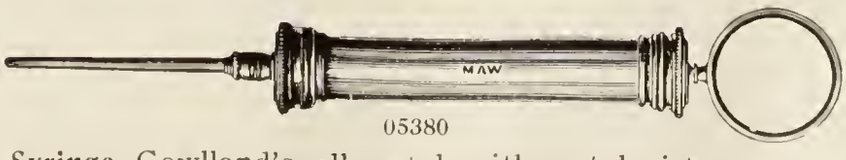


05378

05378	**Shears,** for removing plaster of Paris bandages, nickel-plated ..	0	11	6

05379

05379	**Sinus or Ear Pipe,** india-rubber	0	0	6

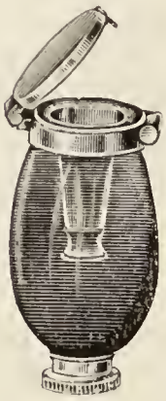


05380

05380	**Sinus Syringe,** Gowlland's, all metal, with metal piston	0	8	0

Surgical Sundries, etc.—Contd.—

05381


05382

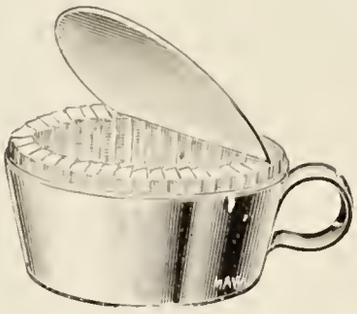
05385

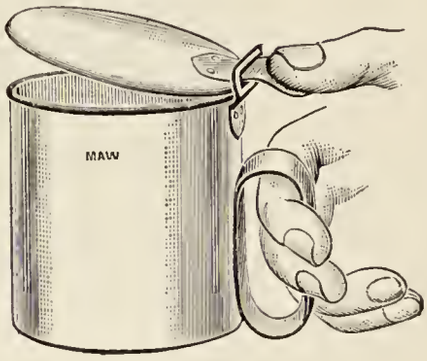
05386

05387

No.	Spitting Flasks, Dettweiler's—	£	s.	d.
05381	Blue Glass, with Spring Lid and Screw Cap, $4\frac{1}{2} \times 3$ in., per doz.	1	7	0
05382	Do. do. do. .. .. .. $4\frac{1}{8} \times 2$ in., ,,	1	7	0
05383	Do. do. do. Small .. $3\frac{7}{8} \times 1\frac{5}{8}$ in., ,,	1	3	0
05384	Aluminium, Nickelled Spring Lid and Screw Cap .. .. $4\frac{1}{8} \times 2$ in., ,,	2	12	0
05385	Blue Glass, Nickelled Spring Lid .. .. $3\frac{1}{2} \times 1\frac{1}{2}$ in., ,,	1	2	0
05386	Do. and White Metal Screw Caps .. $4\frac{1}{2} \times 2\frac{3}{4}$ in., ,,	0	7	0
05387	Do. do., do., 100 c.c. graduated $3\frac{3}{4} \times 2\frac{7}{8}$ in., ,,	0	5	6

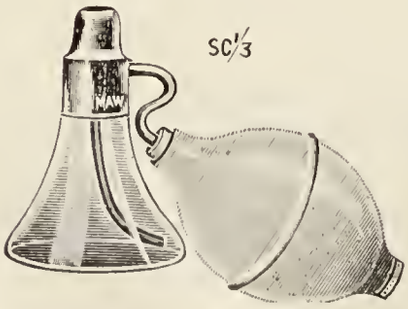
05389


05390

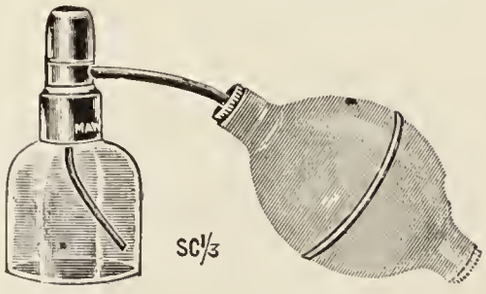


05394

	Spitting Mugs—			
05388	Aluminium, Bowl shape .. .. per doz.	0	7	6
05389	Do. Upright .. .. ,,	0	6	9
05390	Do. The "Sanitary," extra strong .. ,,	0	10	0
05391	Paper Linings for The "Sanitary" Spitting Mug .. per gross	0	8	0
05392	China .. .. per doz., plain, **4/6**; gilt	0	7	6
05393	Enamelled Iron, upright, white or blue .. .. per doz.	0	8	0
05394	Do. do. do., white, with detachable lid ,,	0	8	0
05395	Glass .. .. ,,	0	15	6



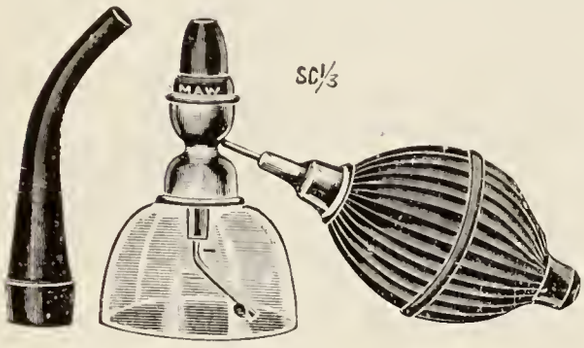
05396



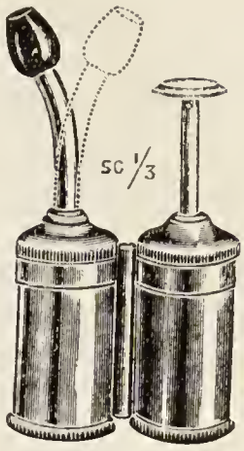
05397

	Sprays, Nose and Throat—			
05396	"Oris," with nickel-plated plug-on mount	0	1	6
05397	"Vectis," with nickel-plated screw mount	0	2	6

Surgical Sundries, etc.—Contd.—



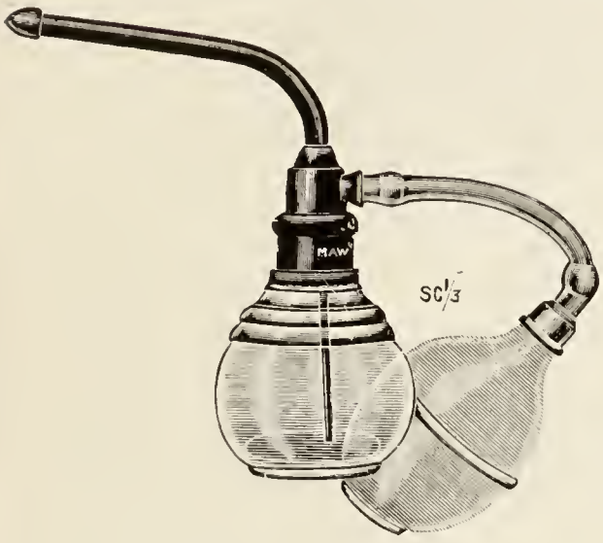
05398



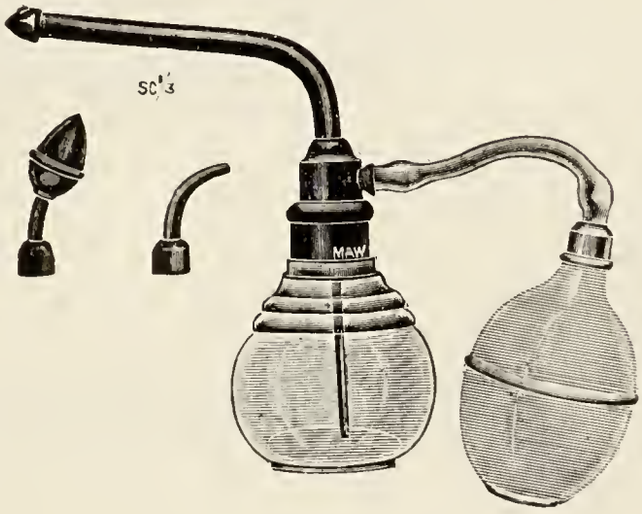
05399

Sprays, Nose and Throat—Contd.—

No.		£	s.	d.
05398	"Alpha," with vulcanite mounts, with single white bellows ..	0	2	6
05399	"Inhalizer," a pocket atomiser for oily solutions	0	3	6



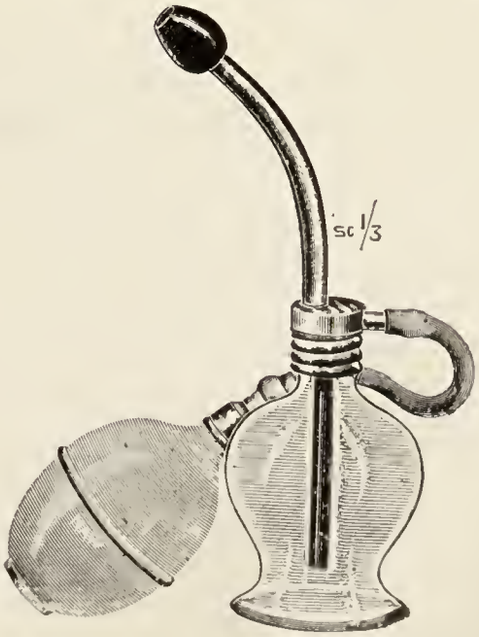
05400



05401

05400	"Alexandra," Vulcanite, for Throat	0	2	6
05401	"Victoria," Vulcanite, with three mounts, for Throat, Nose and Larynx	0	3	6

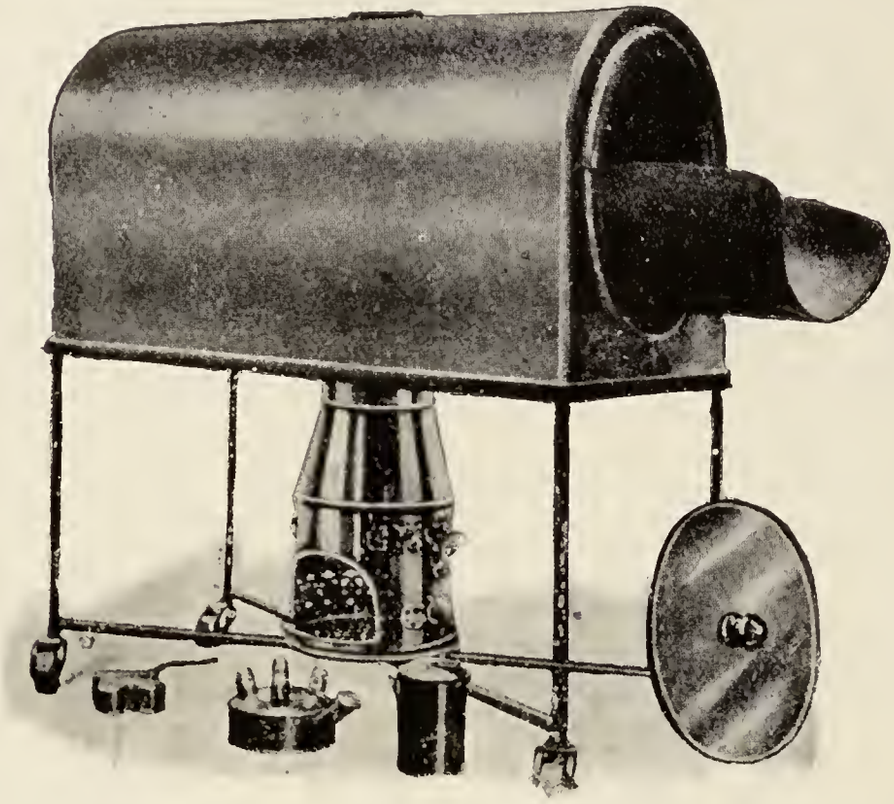
05402



05403

05402	Nebulizer, "Simplex," for Oily Solutions only	0	2	9
05403	Do. "Nova," do. do.	0	3	0

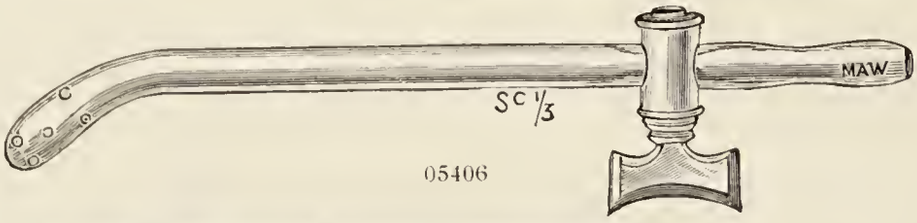
Surgical Sundries, etc.—Contd.—



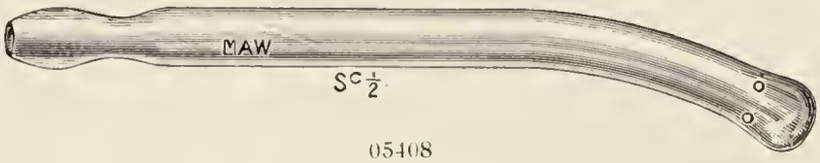
05404

No.		£	s.	d.
05404	**Thermal Air Chamber,** for the local application of superheated air, in rheumatic and other affections of the joints, etc., 2 sizes each, 14 in., £8 8 0; 28 in.	12	2	6

05405



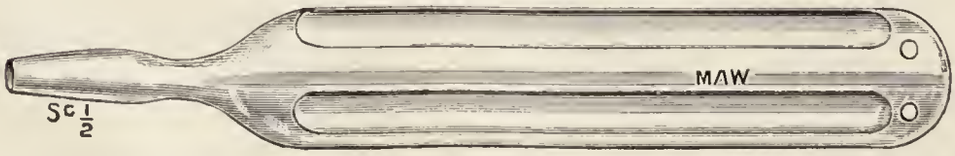
05406



05408

Vaginal Pipes, glass—

05405	Adams's	0	1	0
05406	Curved, with tap	0	1	0
05407	Bulbous, straight, 2 sizes .. .. per doz., 9 in., 4/-; 5 in.	0	3	0
05408	Do. curved, 2 sizes .. .. ,, 9 in., 4/6; 5 in.	0	3	6



05410

05409	Bulbous, with holes on under-surface of the shoulder, so as to direct the current backwards .. .. each	0	0	6
05410	Hewitt's, with grooves for return flow .. .. .. ,,	0	1	6

Surgical Sundries, etc.—Contd.—

Sc ¼

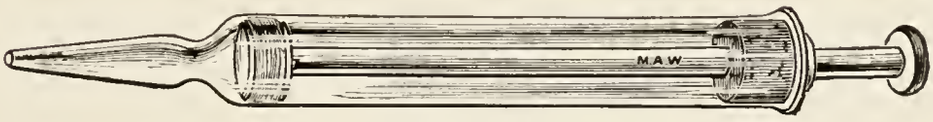
05411

Sc ⅓

05412

Vaginal Syringes—

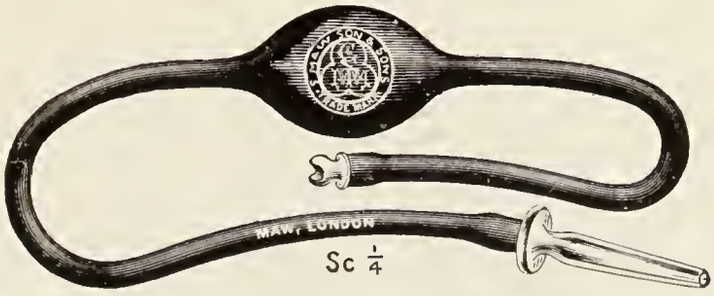
No.		£	s.	d.
05411	"Cone," red India-rubber, with vulcanite pipe and cone-shaped adjustable shield..	0	4	6
05412	"Excelsior," red India-rubber, moulded	0	3	6



05413

Wound Syringes—

			1 oz.	1½ oz.	2 oz.	4 oz.
05413	Glass, with conical nozzle ..	per doz.	3/3	4/6	5/6	14/-



05414

05414	India-rubber, Higginson's,	with glass pipe, in box..	0	2	9
05415	Do. do.,	arabesque rubber, for hot climates ..	0	3	6

A full list of Surgical Sundries will be sent on application.

DISPENSARY REQUISITES.

1423 1424 1425 1426 1428

No. **Bottles, etc.**

1423 Vials, moulded, white flint, long, from 1 dr. to 8 oz... ..
1424 Do. do. do., medium, do. 2 dr. to 4 oz. ..
1425 Do. do. do., short, do. 1 dr. to 4 oz. ..
1426 Do. do. second quality, French, with round shoulder
1428 Do. moulded, graduated to tea spoons, 1, $1\frac{1}{2}$, 2 and 3 oz.

Prices on application.

1273 1274 1275

1273 Best green or white flint, flat, with trade mark either SUPER. or 2. various sizes .. ..
1274 Do. do., oval, with trade marks as above ..
1275 Do. flint, direct square, with trade mark, various sizes ..

Prices on application.

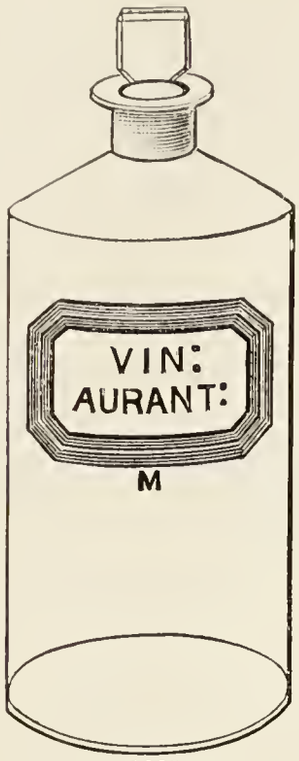
1356 1353 1354 1386

1356 Poison, wide mouth, hexagon, plain, $\frac{1}{2}$, 1 and 2 oz. .. ..
Do. wide mouth, with actinic stoppers, $\frac{1}{2}$, 1 and 2 oz. ..
1353 Do. flat, fluted (as illustration), blue or green.. ..
1354 Do. hexagon do. do. do. .. ..
1386 Do. round, fluted, with stopper and smooth oblong space for labelling .. ..

Prices on application.

Dispensary Requisites—Contd.—

1382



1383

1384

No.	Bottles, etc.—Contd.—	
1382	Round, with stopper, white or dark blue, narrow mouth, various sizes	Prices on application.
1383	Do. do., white, with recess label, various sizes ..	
1384	Do. do., white or blue, wide mouth, various sizes	

1385

1387

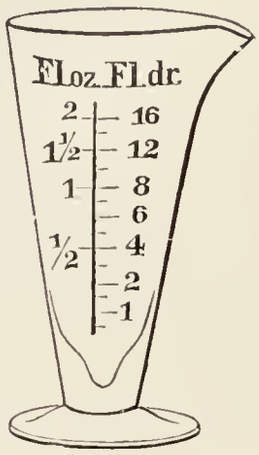
1389

1385	Ether, stoppered and capped, white glass, various sizes ..	Prices on application.
1387	Oil, white glass, with glass cap, various sizes	
1389	Syrup, with plug stopper, white glass, 20 oz., 30 oz. and 40 oz.	

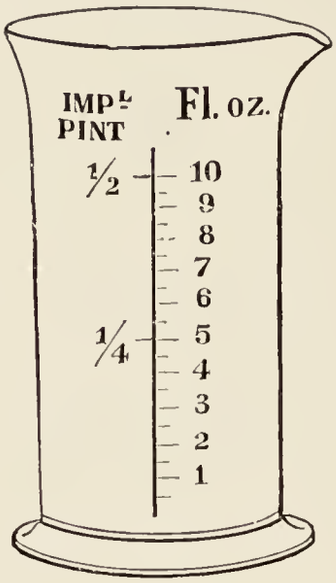
The figures under the bottles (No. 1383 excepted) refer to the bottles unlabelled.

Any other form of labelling can be supplied. Prices and designs will be sent on application.

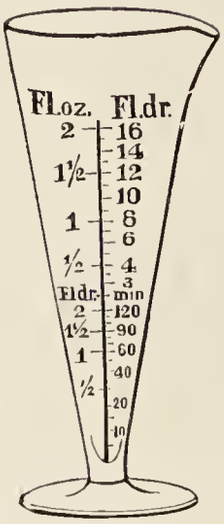
Dispensary Requisites—Contd.—



2158



2160



2169

No.	**Glass Measures,** graduated—	
2158	Conical, with cup bottom, best quality, specially annealed ..	Prices on application.
2160	Cylindrical, best quality, specially annealed	
	Sizes of Nos. 2158 and 2160 are from 1 oz. to 40 oz.	
2169	Minim measure, conical, best quality, 2 oz., graduated to 120 m. and to 16 dr.	

1942

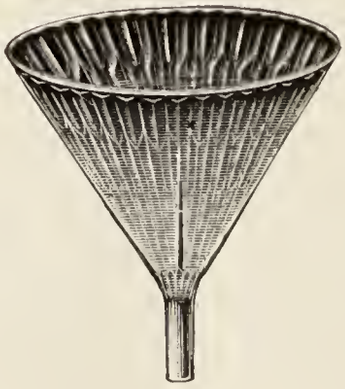
1940

1944

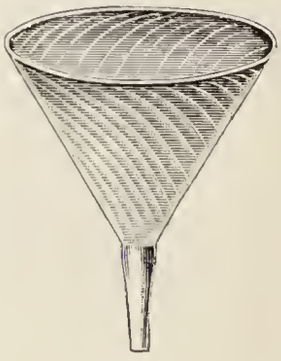
Mortars and Pestles—

1942	Glass, from 2 oz. to 40 oz.	Prices on application.
1940	Composition, from 2 oz. to 13 pts	
1944	Porcelain, 2 sizes, 12 and 16 oz.	

1471



1472

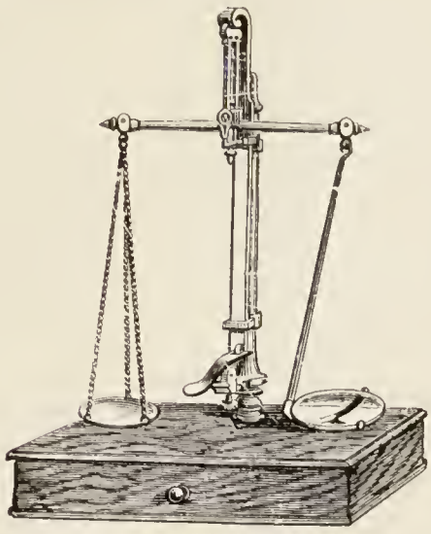


1473

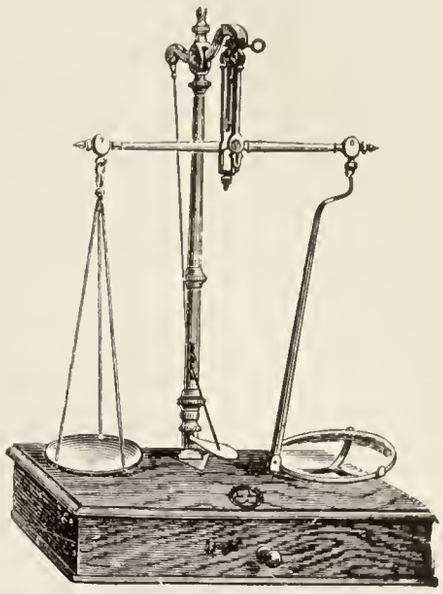
Funnels—

1471	Composition, from 1 oz. to 12 pts.	Prices on application.
1472	Glass, for rapid filtration, from 2 oz. to 10 pints	
1473	Glass, fluted, from 1 oz. to 9 pints	
	Iron, enamelled, from 3 oz. to 9 pts.	

Dispensary Requisites—Contd.—

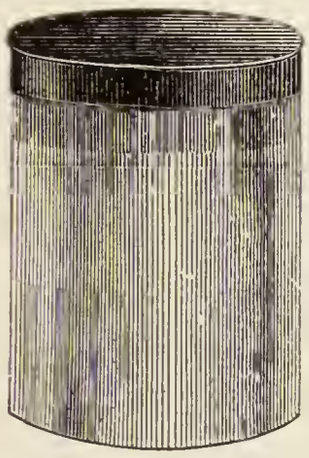


1919

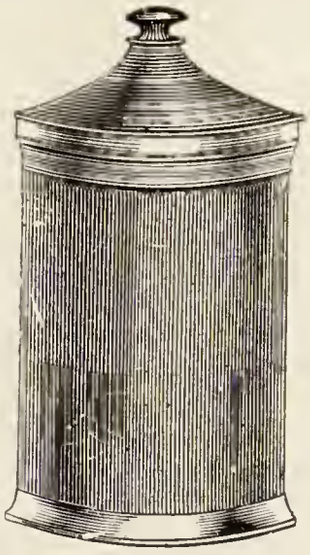


1917

No.		
	Scales—	
1919	Brass, with sliding pillar and extra glass pan ; size of stand, 10 by 7 in. ; total height, $13\frac{1}{2}$ in. ; diameter of pan, $2\frac{3}{4}$ in.	Prices on application.
1917	Brass or nickel-plated, with extra glass pan ; size of stand, 10 by $5\frac{1}{2}$ in. ; total height, 15 in. ; diameter of pan, $2\frac{3}{4}$ in.	
1893	**Cork Pressers,** bronzed or japanned	Prices on application.
1952	**Label Damper,** with felt pad	



1465

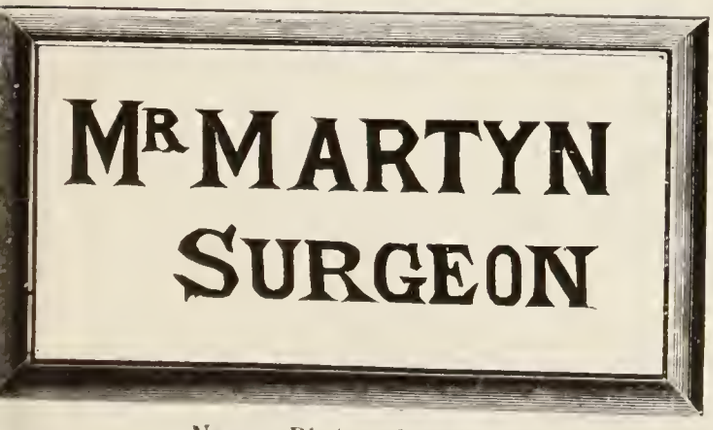


1464

1466

Ointment Jars—

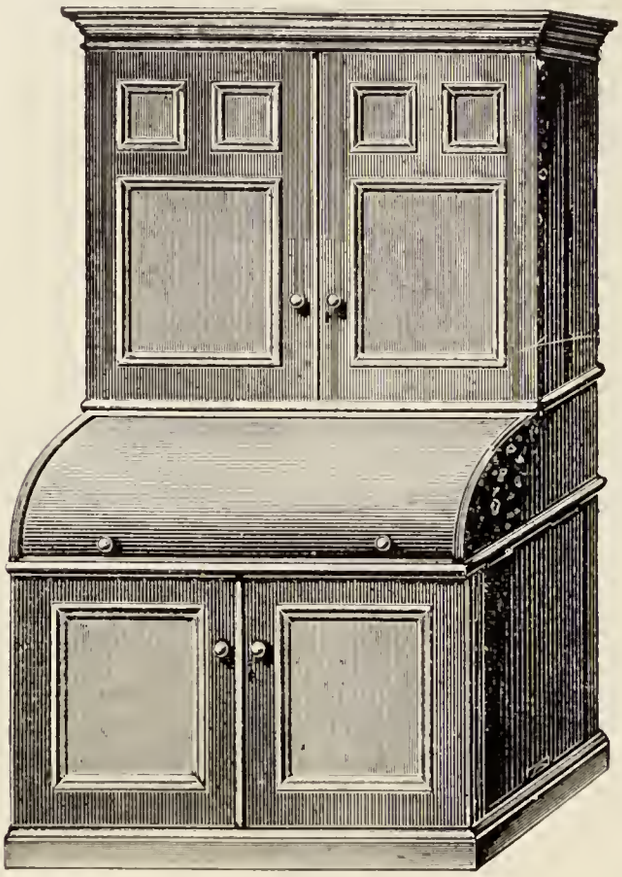
1465	Brown, with japanned tin cover .. from 4 oz. to 6 lbs. capacity	Prices on application.
1464	Plain, white or blue earthenware .. ,, 4 oz. ,, 6 lbs. ,,	
1466	White, with japanned tin cover .. ,, 4 oz. ,, 6 lbs. ,,	



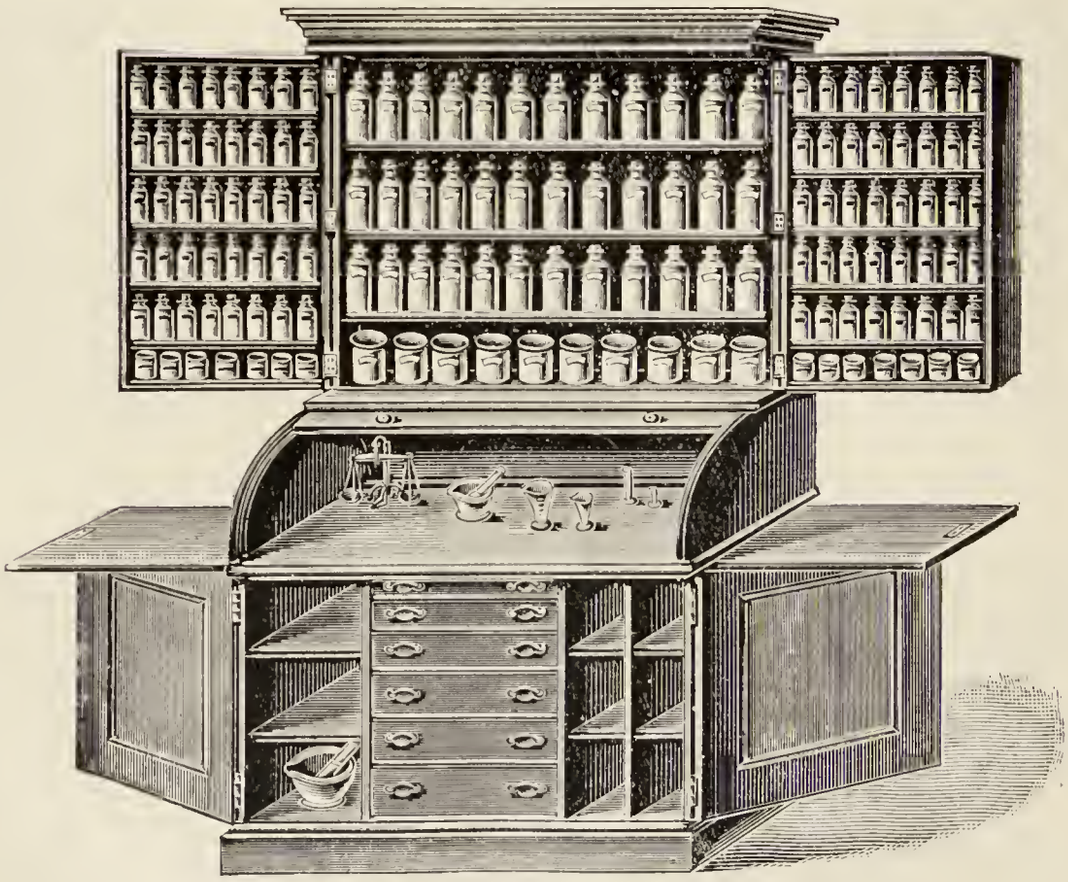
Name Plates, brass—

Designs and estimates submitted on receipt of particulars.

Dispensary Requisites—Contd.—



23 (Closed.)



23 (Open.)

No. 23 **Dispensing Cabinet.**

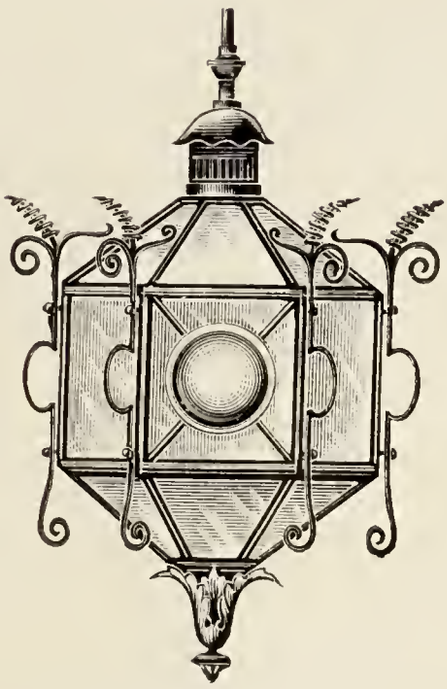
The fittings of this Cabinet include :—80 6-oz. and 36 20-oz. stoppered rounds, 14 4-oz. and 10 1-lb. brownware jars, all labelled in gold ; one pair pillar scales and weights ; 2 compo mortars, and 4 measures.

Prices on application.

Dispensary Requisites—Contd.—

102

67



95

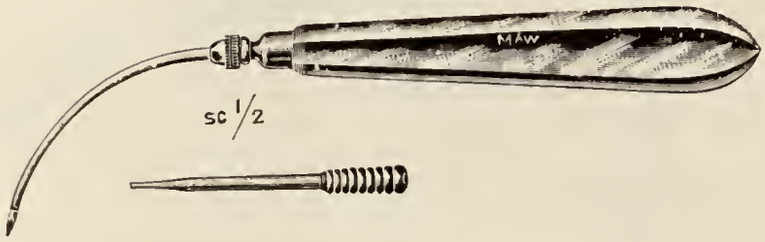
91

No.	Lamps, for Surgery Door, etc.—	
102	Coloured glass, with two solid ruby lenses on ornamental cast-iron pillar, 9 ft. high	Prices on application.
67	Coloured glass on three sides, with embossed lettering, on wrought-iron ornamental bracket, 3 ft. long	
95	Wrought-iron frame, glazed with muffled ruby and green glass, with two solid ruby lenses, two sizes, 15 in. and 18 in...	
91	Glazed in eight sections with coloured glass, and mounted on dwarf cast-iron pillar, 28 in. high	

A complete list of Dispensary Fittings will be sent on application.

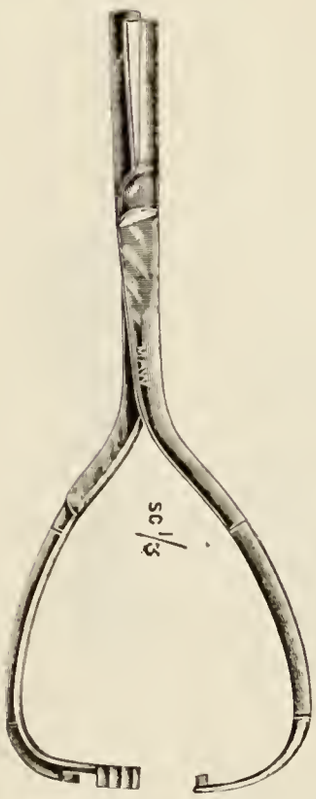
The numbers on pages 636 *to* 641 *are taken from the Chemists' Catalogue of* 1911.

ADDENDA.

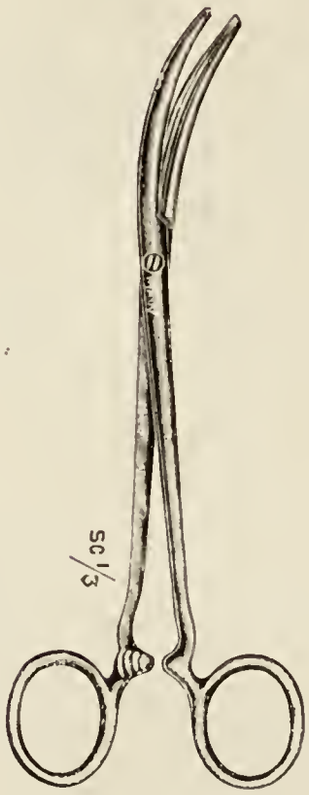


05416

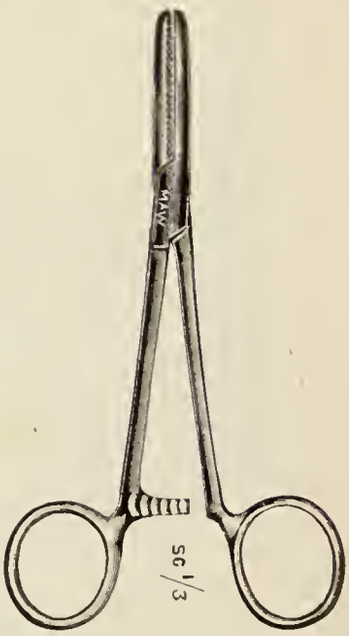
No.		£	s.	d.
05416	**Antrum Trocar,** Miles's	0	9	6



05417



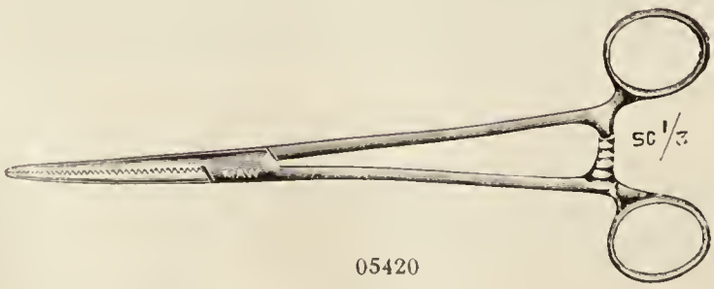
05418



05419

Appendix Clamps—

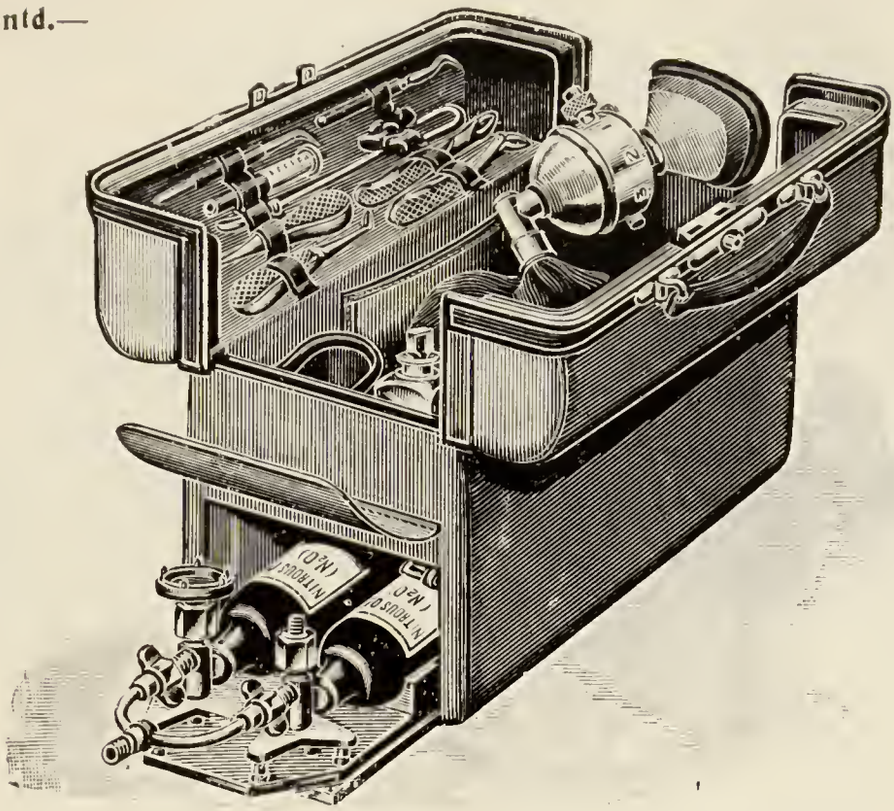
05417	Corner's	0	19	0
05418	Moynihan's	0	11	0
05419	Penrose Williams's	0	8	6



05420

05420	**Artery Forceps,** Ionides's, 8 in., with box joint	0	8	0

Addenda—Contd.—



05421-22

No.	Bag, Anæsthetists', black cowhide	£	s.	d
05421	To hold two 50-gall. cylinders	3	3	0
05422	To hold two 25-gall. cylinders	2	19	0

No fittings are included in the above prices.

05423

05423	**Bag,** Midwives', York Road Model (approved by the Midwives' Board)	2	17	6

The above Bag contains:—Syphon douche in sponge bag, Higginson's syringe with anchor valve and glass rectal pipe in sponge bag, Jaques's india-rubber catheter, scissors (aseptic), clinical thermometer, collapsible tube containing carbolic vaseline, bottle containing perchloride of mercury soloids, bottle for boric acid crystals, bottle containing carbolic acid soloids, bottle engraved "Olive Oil," bottle engraved "Ergot," bottle engraved "Castor Oil," bottle engraved "Sal Volatile," metal puff box with puff, metal box containing nail brush and soap, metal box containing cyanide gauze for dressing the cord, waterproof bag for wool, metal box containing binder pins and needles, bath thermometer in metal case, kidney-shaped dressing tray, batiste (1 yard), bottle containing thread, and probe.

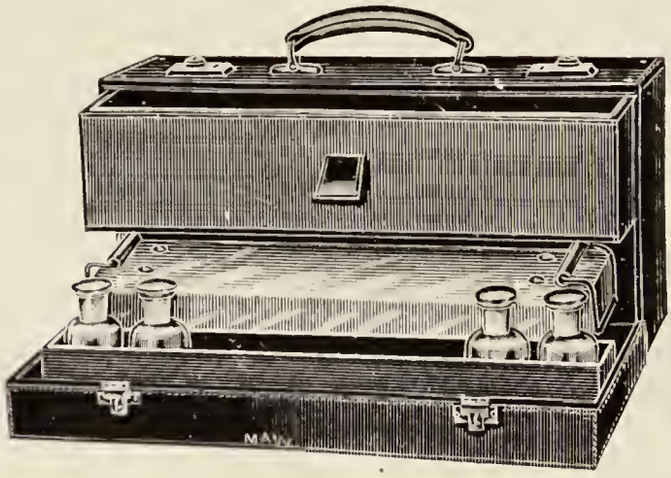
Addenda—Contd.—

05424

No.		£	s.	d.
05424	**Bag,** Midwifery, St. Bartholomew's Hospital model for extern midwifery clerks, black Morocco leather, with removable washable lining	5	5	0

CONTENTS.

Apron, batiste	1	Douche, glass with india-rubber tubing	1	Nail Brush	1
Artery Forceps	2	Drop Bottle, Chalks, 1 oz.	1	Needles, Hagedorn's	6
Bath Thermometer	1	Enema, sterilisable	1	Ointment Pot, 2 oz.	1
Bottles, stoppered	6	Female Catheter, glass	1	Soap in case	1
Catheter, elastic-gum, No. 9.....	1	Ligature jar	1	Sponge Bags	2
Catheter, india-rubber, No. 9 ..	1	Mackintosh sheeting yard	1	Spring Balance	1
Chloroform Bottle, 2 oz.....	1	Medicine Tumbler ..	1	Steriliser with lamp	1
Clinical Thermometer	1			Tape Measure	1
				Uterine Pipe, metal	1
				Vaginal Pipe, glass	1



05425

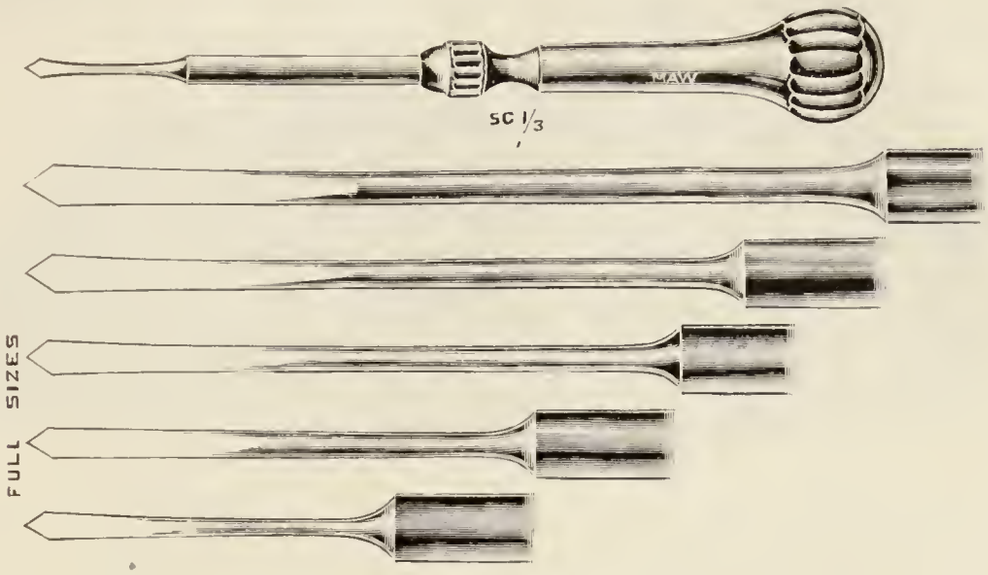
05425	**Bag,** surgeon's black cowhide with drop-down front, containing steriliser with spirit lamp, rack with four stoppered bottles, and tray for instruments	3	0	0

Dimensions when closed—18 in. by 9 in. by 7 in.
Dimensions of tray—16 in. by $5\frac{3}{4}$ in. by $3\frac{1}{2}$ in.

Bandages, compressed, loose woven—

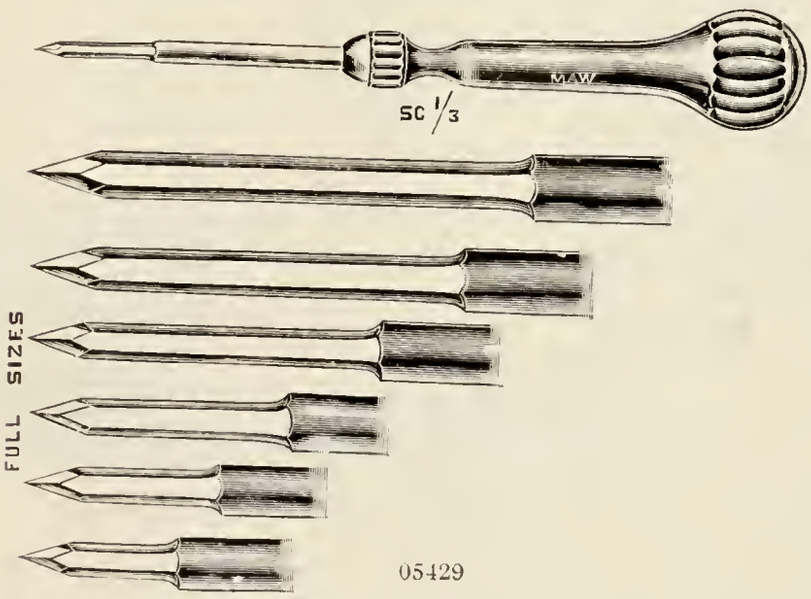
05426	6 yds. × $2\frac{1}{2}$ in. .. .. per doz.	0	2	6
05427	6 yds. × 3 in. .. .. per doz.	0	3	0

Addenda—Contd.—



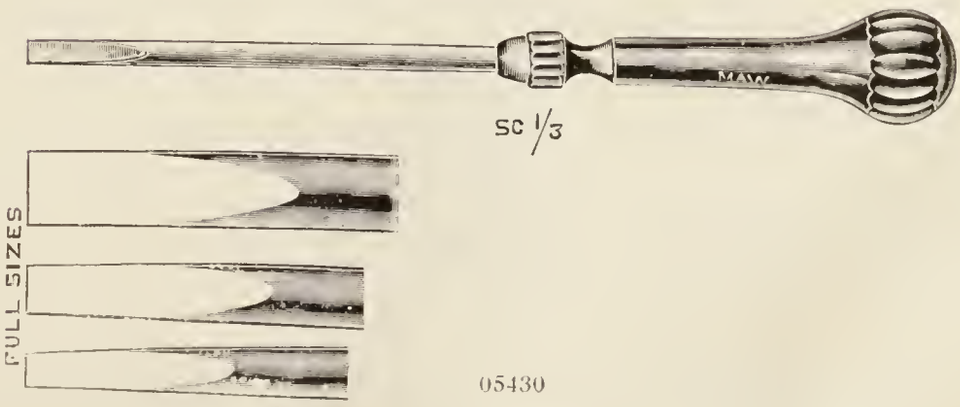
05428

No.		£	s.	d.
	Bone Screwing Instruments, Lane's latest patterns—			
05428	Set of 6 Awls fitting one handle	1	5	6
	(The smallest size is shown fitted into the handle and is drawn 1/3rd scale.)			



05429

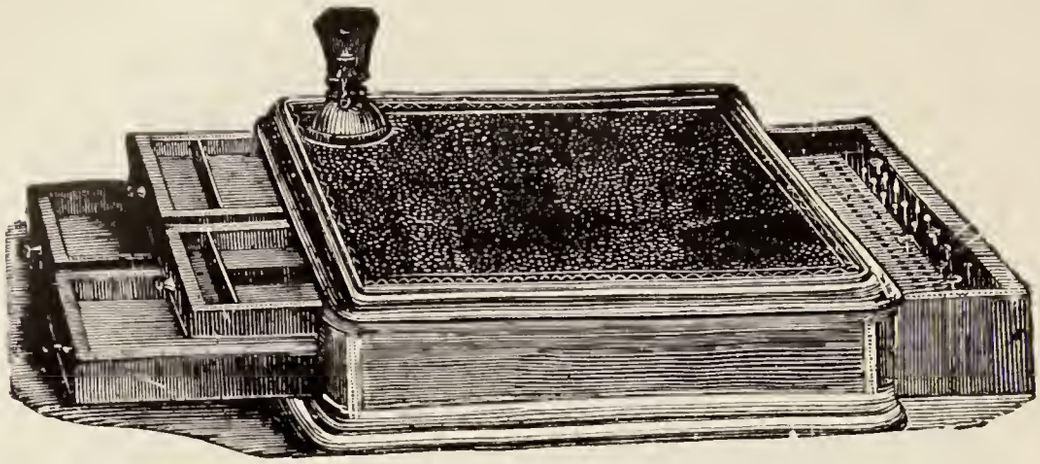
05429	Set of 6 Reamers fitting one handle	1	5	6



05430

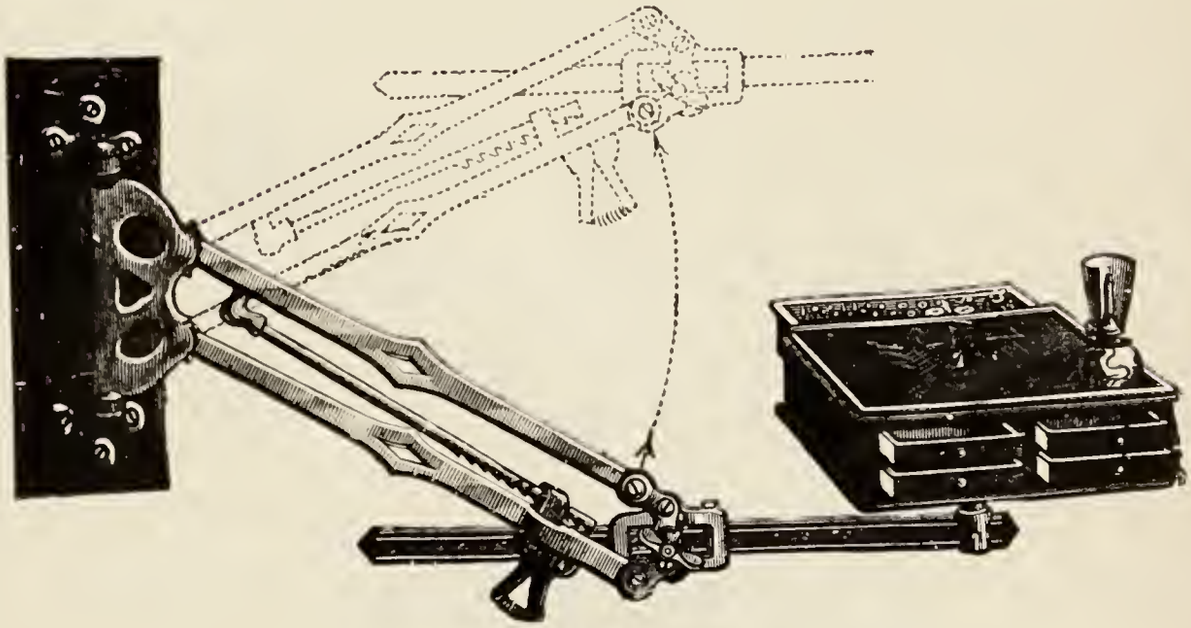
05430	Set of 3 Screw Drivers fitting one handle	0	16	0

Addenda—Contd.—



05431

No.	**Dental Office Furniture, etc.—**	£	s.	d.
05431	Bracket Table, Allen's	1	15	0



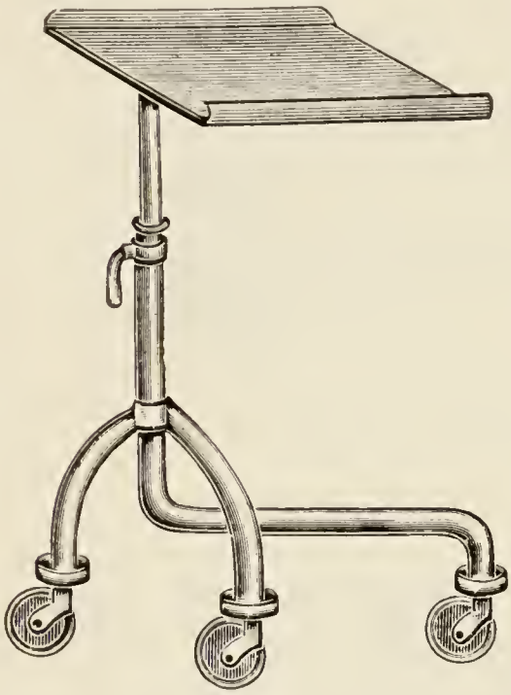
05432

05432	Wall Bracket, nickel-plated, for use with table No. 05431 ..	2	14	0

05433

05433	Mercury Measure, boxwood (patent) to measure accurately one drop of mercury	0	4	6

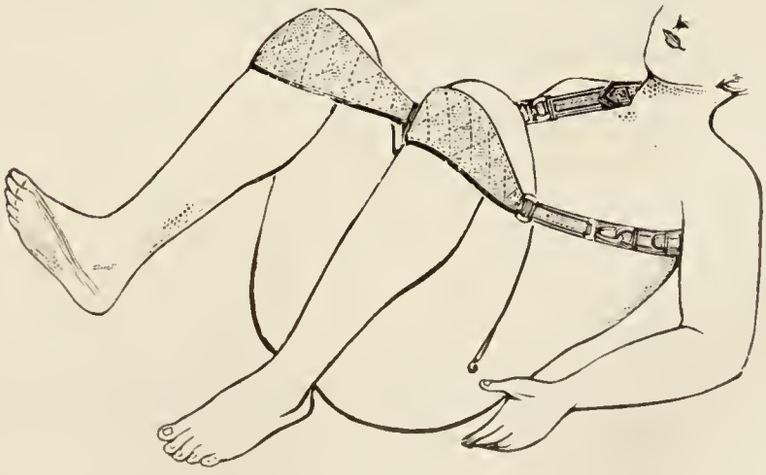
Addenda—Contd.—



05434-35

05436

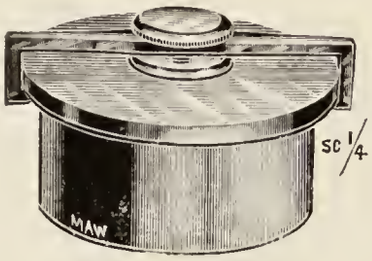
No.	**Instrument Table,** to stand over the operation table, white enamelled iron with polished zinc top, as made for University College Hospital—	£	s.	d.
05434	18 in. by 10 in.	**2**	**5**	**0**
05435	24 in. by 16 in.	**2**	**12**	**6**
	The Height of the table is adjustable from 38 *in. to* 52 *in.*			
05436	Infusion Stand for Salvarsan (606) as used at the Military Hospital, Rochester Row, white enamelled iron	**1**	**7**	**6**
	The glass cylinders and tubing are not included in the price, see page 303.			



05437

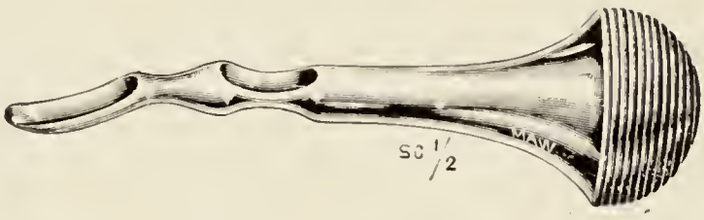
05437	Lithotomy Straps, Robbs's, padded canvas .. per set	**0**	**5**	**3**

Addenda—Contd.—



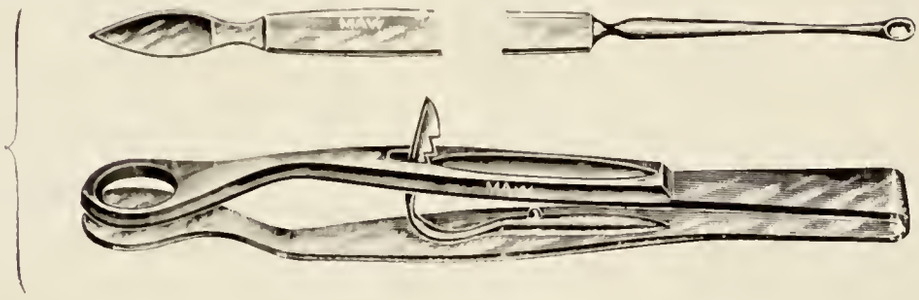
05438

No.		£	s.	d.
05438	**Ligature Box,** Ionides's, for sterilised ligatures, 4½ in. by 2½ in., nickel plated, with clamped lid	0	15	0



05439

05439	**Mastoid Gouge,** Watson Williams's $\frac{5}{16}$, $\frac{5}{8}$ or ½ in.	0	9	0

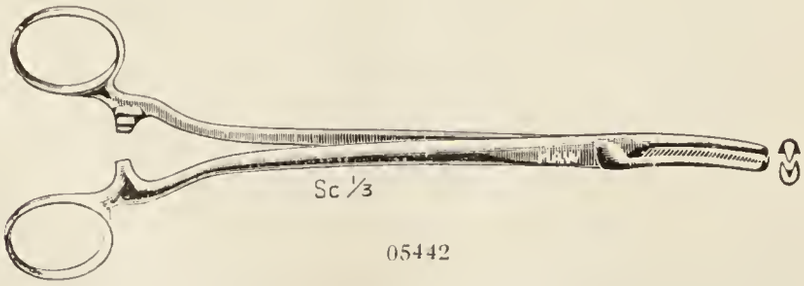


05440

05440	**Meibomian Cyst Instruments,** Lloyd's, consisting of cyst knife, scoop and forceps in leather-covered case	0	18	0

05441

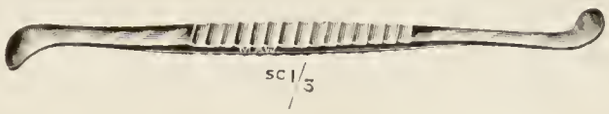
05441	**Perinæum Needle,** with guard to protect the point, convenient for carrying in a bag	0	3	9



05442

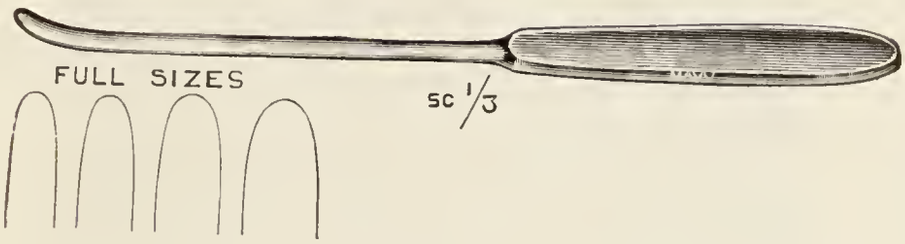
05442	**Peritoneum Forceps,** Moynihan's, 8 in. disjointing	0	12	0

Addenda—Contd.—



05443

No.		£	s.	d.
05443	**Raspatory,** double fluted	0	4	6

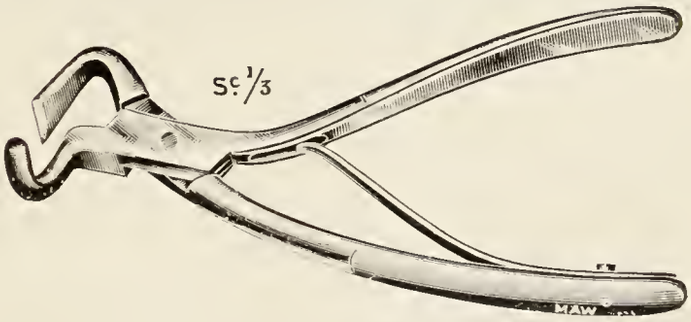


05444

05444	**Raspatory Lane's,** 4 sizes .. .. each	0	5	6

05445

05445	**Retractors,** Lane's .. .. .. $\frac{1}{2}$ in. and $\frac{3}{4}$ in. 6/- ; 1 in. and $1\frac{1}{4}$ in.	0	7	0



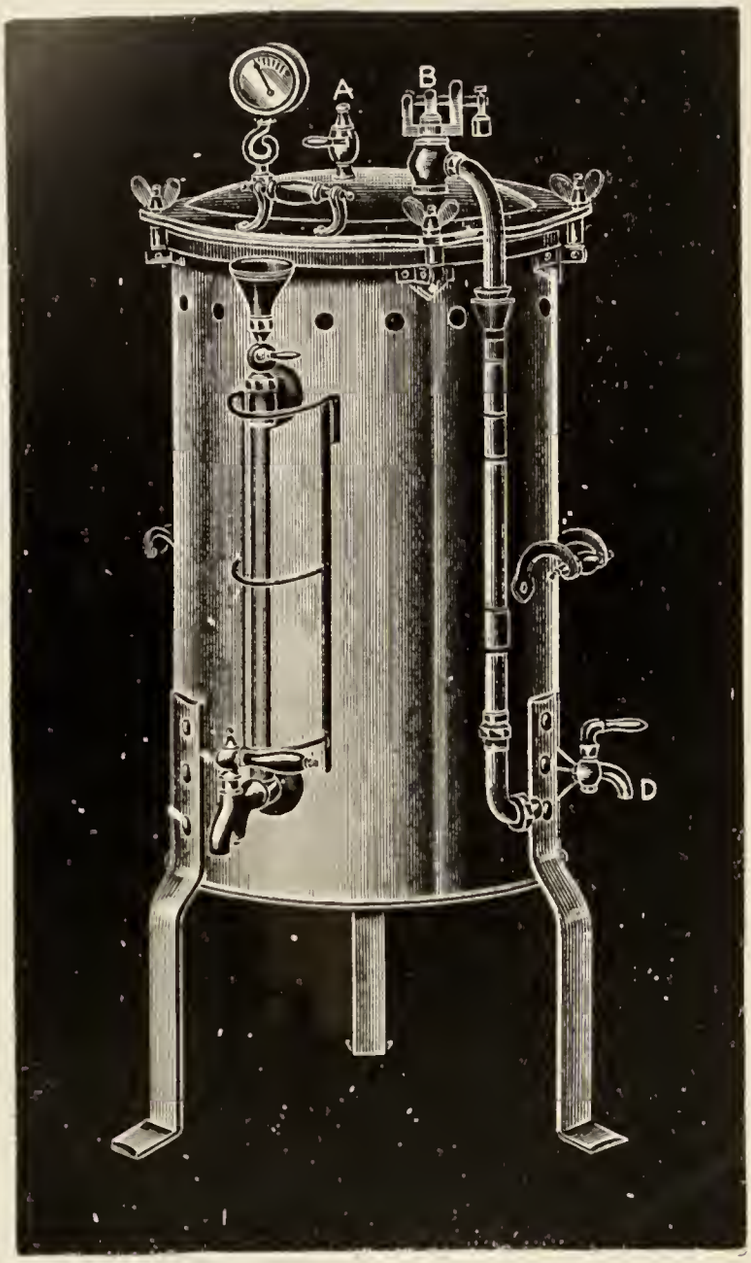
05446

05446	**Rib Shears,** Collins's	0	19	0

05447

05447	**Saliva Ejector,** with india rubber suction pump and nickel-plated hook	0	7	6

Addenda—Contd.—



05448-51

No.	**Steriliser, High-Pressure Steam for Dressings,** constructed of enamelled iron with copper interior and fitted with bunsen burner for gas and one kettle—	£	s.	d.
05448	No. 2, 19 in. by 10 in.	**13**	**12**	**6**
05449	No. 3, 19½ in. by 12 in.	**18**	**0**	**0**
05450	No. 4, 19½ in. by 14 in.	**21**	**12**	**6**
05451	No. 5, 24½ in. by 16 in.	**26**	**15**	**0**

The above measurements are the internal dimensions of the cylinder.

Kettles, copper, nickel plated, for use with the above (for illustration see page 552)—

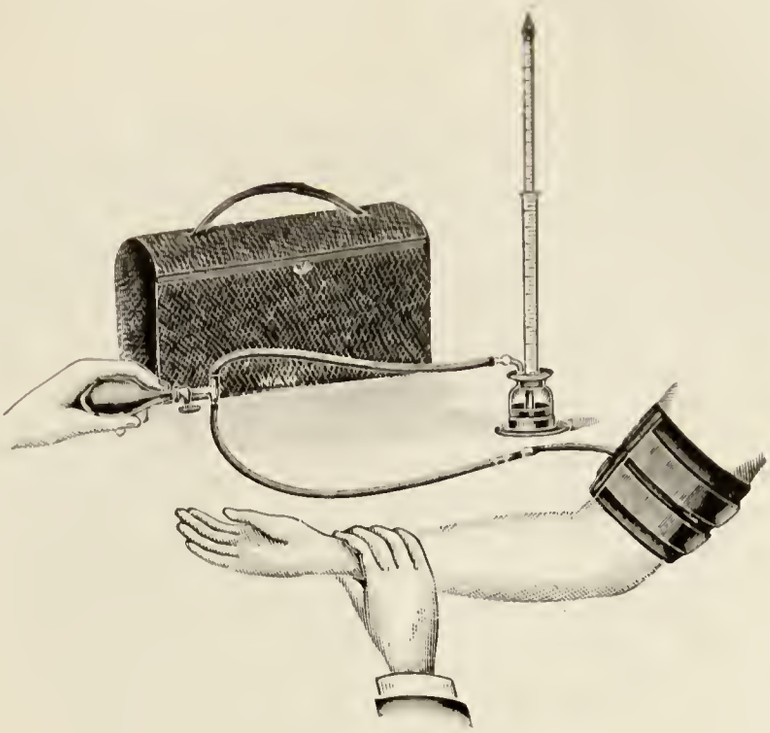
05452	Shallow series (four to each steriliser)— Each, No. 2, **15/0**; No. 3, **19/6**; No. 4. **22/6**; No. 5..	**1**	**13**	**0**
05453	Deep series (two to each cylinder)— Each, No. 2, **18/6**; No. 3, **22/6**; No. 4, **27/0**; No. 5 ..	**1**	**19**	**0**

This Steriliser is tested up to a pressure of 10 lbs. to the square inch, but the regulator is so constructed that the safety valve will blow off with a maximum of 5 lbs. pressure.

It can be supplied with a powerful petroleum burner, in place of gas burner, at an additional cost of **9/0.** Working instructions are sent out with each apparatus.

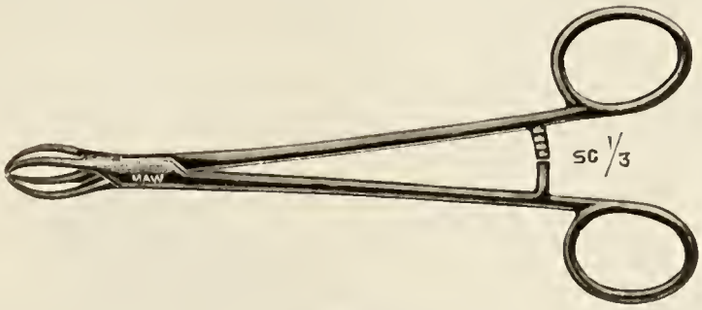
For prices of Maw's Improved High-Pressure Steam Steriliser see page 551.

Addenda—Contd.—



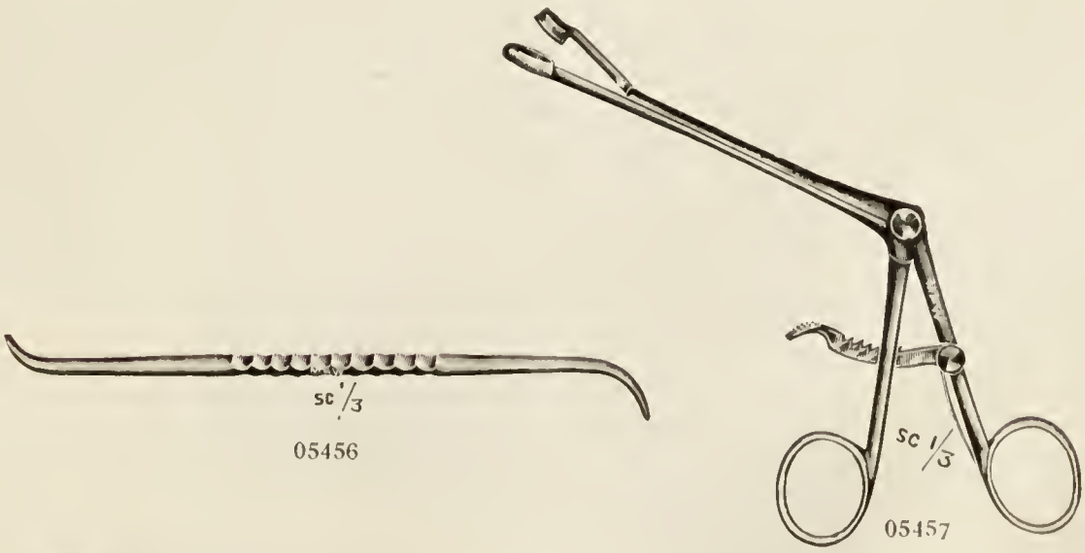
05454

NO.		£	s.	d.
05454	**Sphygmomanometer,** Maw's portable unspillable, in leather covered case, measuring 8½ by 3½ by 5 in.	1	10	0



05455

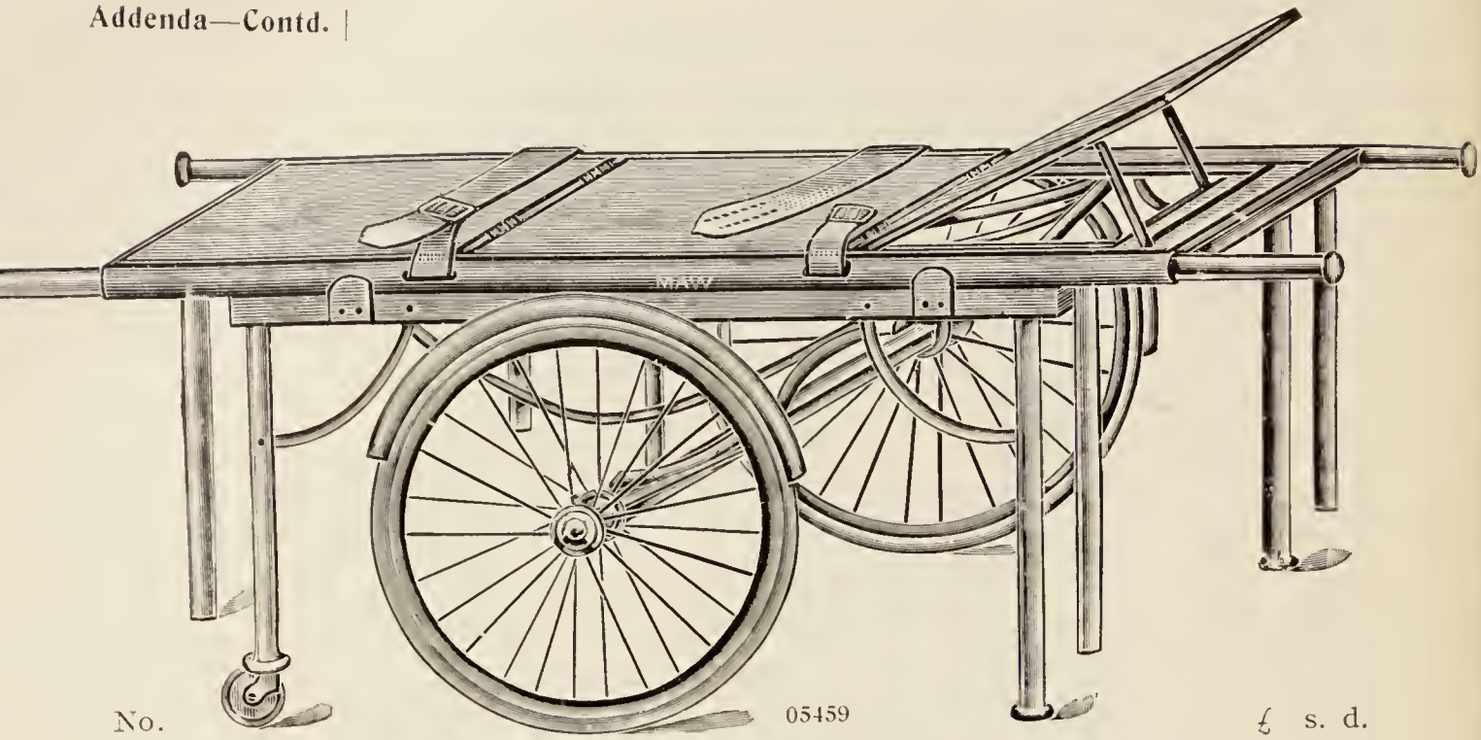
05455	**Tissue Forceps,** Lane's 7 in., with box joint	0	9	0



05456 05457

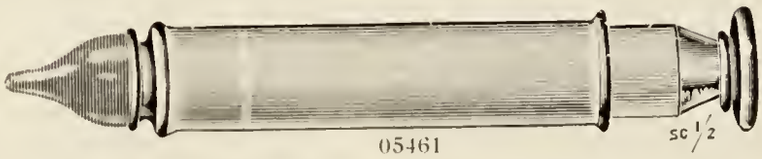
05456	**Tonsil Enucleator,** Stuart Low's, fluted	0	5	6
05457	**Tonsil Holding Forceps,** Barwell's	1	11	6
05458	**Tuberculin Syringe,** improved "Record" model in metal frame ..	0	13	0

Addenda—Contd.



05459

No.		£	s.	d.
05459	**Trolley,** for wheeling patients from the wards to the operation theatre, as made for St. Bartholomew's Hospital	12	15	0



05461

05460	**Urethra Syringe,** glass with ground-glass plunger and india rubber nozzle	0	1	6
05461	**Uretral Bougie,** elastic gum, impermeable to X-Rays..	0	5	6

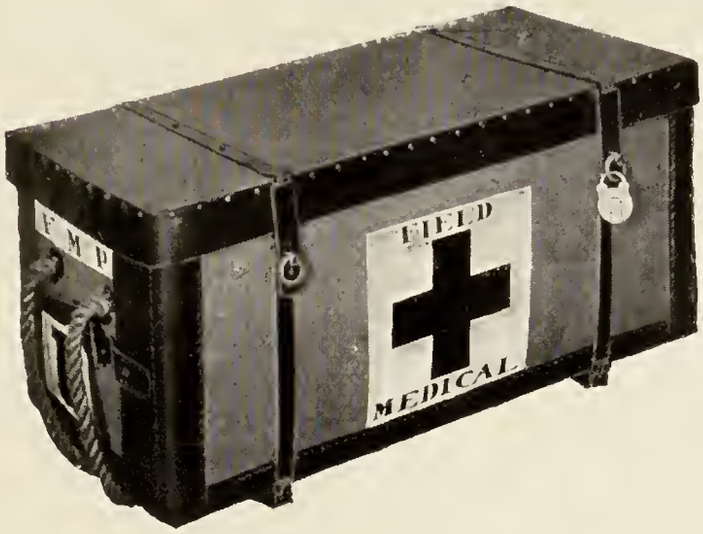
05462

Voltage of circuit must be stated when ordering.

05462	**Vibrator,** electric, "The Sanofix," complete with 3 applicators in leather-covered case	4	0	0

FIELD MEDICAL EQUIPMENT.

As supplied to His Majesty's Government.
British Red Cross Society.
British Red Crescent Society,
and the various Colonial Governments.



Field Medical Panniers, 1905 pattern
Field Surgical Panniers, 1905 pattern
Reserve Field Medical Panniers, 1905 pattern

Prices and full list of contents on application.

Medical Companion, 1905 pattern
Surgical Haversack, 1905 pattern

Prices and full list of contents on application.

The above equipment is kept in stock ready to send out at a few hours' notice.

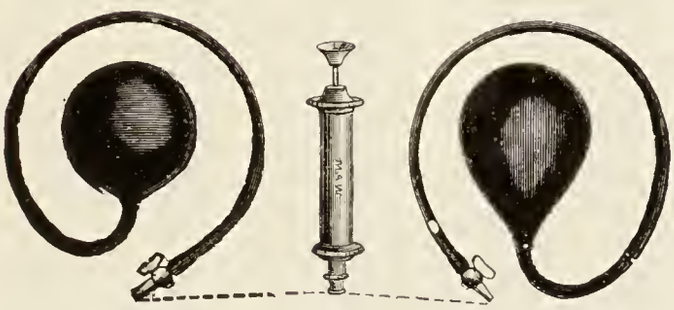
FIELD VETERINARY EQUIPMENT.

As supplied to His Majesty's Government.

Full details and prices on application.

PESSARIES

ADDENDA TO MAW'S 1913 SURGICAL INSTRUMENT CATALOGUE.



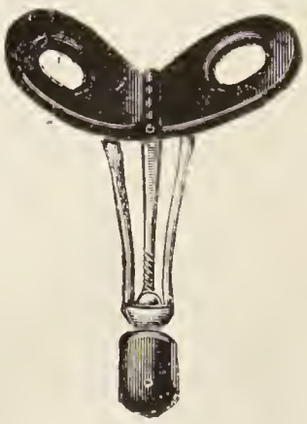
B2416/B B2418/B B2417/B

Ball Shape—

B2416/B	Globular, with tap to inflate, India-rubber, sizes 1 to 6 ..	.. per doz.	33/-
B2417/B	Pyriform, ,, ,, ,, sizes 1 to 6 ..	.. ,,	33/-
B2418/B	Pump, brass, for inflating the above, two qualities ..	each, 2/- and	2/9
B2419/B	Globular, elastic gum, sizes 1 to 6..	.. per doz.	12/-
B2420/B	Pyriform, ditto, sizes 1 to 6..	.. ,,	12/-

B2421/B

B2422/B



B2423/B

Butterfly—

B2421/B	Clement Godson's, with clip wire fastenings, sizes 1 to 6..	.. per doz.	36/-
B2422/B	Ditto, with metal screw end, sizes 1 to 6 ..	.. ,,	30/-
B2423/B	Schilling's, with screw metal stem, sizes 1 to 6	.. ,,	28/-

PESSARIES—contd.—

B2424/B

B2427/B

B2428/B

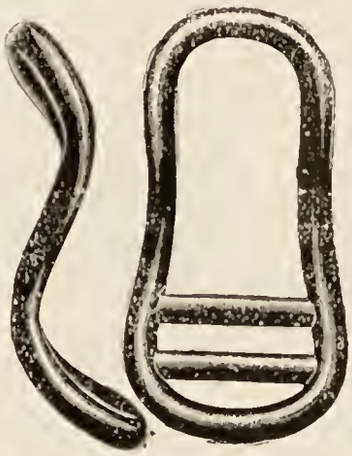
B2424/B Zwanck's, with screw vulcanite stem, sizes 1 to 6 .. .. per doz. **27/-**

All Butterfly Pessaries are exceedingly fragile in that the slightest overturning of the screw will cause a fracture of the side arms. No claim for breakage can be entertained after they have been sent out.

Circular and Oval—

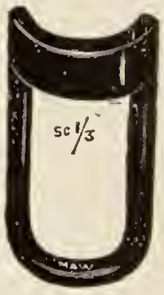
B2425/B	Elastic Gum, Circular, sizes 1 to 6	per doz.	**12/-**
B2426/B	Ditto, Flat Oval, sizes 1 to 6	,,	**12/-**
B2427/B	India-rubber, Circular, Inflated, sizes 1 to 6	,,	**16/6**
B2428/B	Ditto, Flat Oval, Inflated, sizes 1 to 6	,,	**18/-**

B2433/B



B2434/B

B2435/B

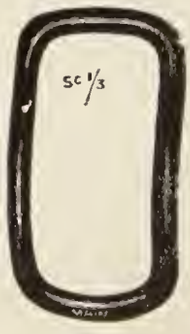


B2436/B

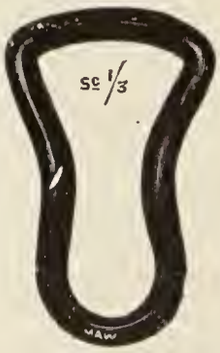
Cradle—

B2429/B	Hodge's, India-rubber, sizes 1 to 8	per doz.	**9/-**
B2430/B	Ditto, India-rubber, with watch spring, sizes 1 to 6.. ..	,,	**18/-**
B2431/B	Ditto, Malleable Metal, sizes 1 to 6	,,	**16/-**
B2432/B	Ditto, Aluminium, sizes 1 to 6	,,	**8/6**
B2433/B	Ditto, Vulcanite, sizes 1 to 8	,,	**9/-**
B2434/B	Ditto, ditto, with bars, sizes 1 to 6, ...	,,	**15/-**
B2435/B	Galabin's, for prolapse, vulcanite, sizes 2 to 4	,,	**18/-**
B2436/B	Ditto, for anteversion, Vulcanite, sizes 2 to 4	,,	**18/-**

B2437/B



B2438/B



B2439/B

B2441/B

B2437/B	Hewitt's, Vulcanite, sizes 1 to 3	per doz.	**30/-**
B2438/B	Hodge's, modified by Galabin, vulcanite, sizes 1 to 6	,,	**7/6**
B2439/B	Greenhalgh's, covered with India-rubber, sizes 1 to 6	,,	**10/-**
B2440/B	Ditto, ditto, with one or two bars, sizes 1 to 6	,,	**13/-**
B2441/B	Ditto, ditto, with cushion pad, filled with combination fluid or gelatine, sizes 1 to 6	per doz.	**28/-**

PESSARIES—contd.—

B2443/B

B2444/B

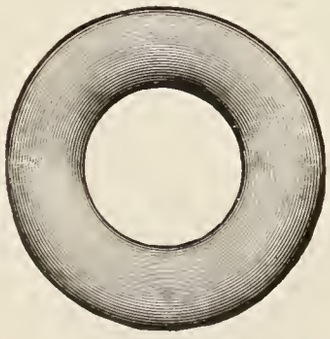
B2442/B	Parson's, pure tin	per doz.	18/-
B2443/B	Smith's, Vulcanite, sizes 4 to 6	,,	18/-
B2444/B	Thomas's, Vulcanite, sizes 4 to 6	,,	22/6

B2446/B

B2447/B

Ring—

B2445/B	Hewitt's, malleable metal, covered with India-rubber, sizes 1 to 8,	per doz.	9/-
B2446/B	Ditto, vulcanite, plain, sizes 1 to 8	,,	9/-
B2447/B	Meyer's, solid India-rubber	,,	18/-
B2448/B	Vulcanite, sizes 1 to 6	,,	8/-



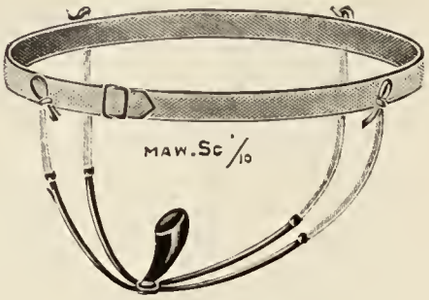
B2449/B

B2450/B

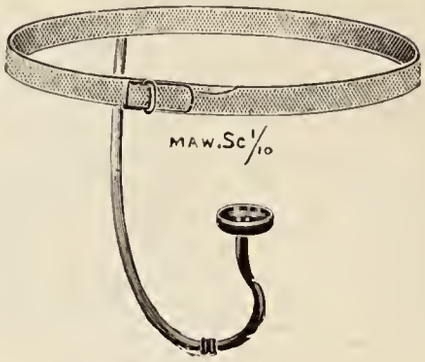
B2449/B	Watch-spring,	Thin, covered with India-rubber	per doz.	16/-
B2449A/B	Ditto,	Thick, ditto, ditto, ditto	,,	18/-
B2450/B	Ditto,	Thin, with perforated India-rubber diaphragm	,,	19/-
B2451/B	Ditto,	filled with patent combination fluid or gelatine	,,	28/-
B2452/B	Ditto,	filled with cotton wool, sizes 1 to 6	,,	28/-

All Ring Pessaries, except where otherwise stated, are made in twelve sizes, ranging from **2** *in. diameter (No. 1) to* $3\frac{3}{8}$ *in. diameter (No. 12), each size increasing by* $\frac{1}{8}$ *in.*

PESSARIES—contd.—



B2453/B

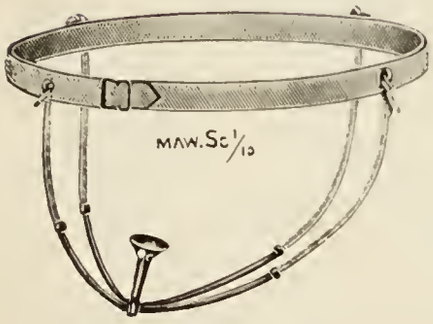


B2456/B

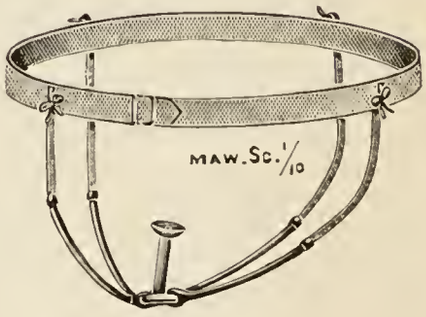
With Stem—

B2453/B	Aitken's, with Vulcanite Stem	each	**3/6**
B2454/B	Barnes's, with Gutta-Percha Stem	,,	**3/-**
B2455/B	Ditto, with Vulcanite Stem	,,	**3/3**
B2456/B	Cutter's, with Vulcanite Stem and Rubber Strap	,,	**4/6**

B2459/B



B2457/B



B2460/B

With Stem—contd.—

B2457/B	Napier's, with India-rubber Stem, three sizes ..	each, **3/6, 3/9** and	**4/-**
B2458/B	Ditto, as modified by Parsons	each	**4/6**
B2459/B	Resilient Stem	,,	**6/-**
R2460/B	Schofield's, with Vulcanite Stem	,,	**4/6**

S. MAW, SON & SONS
7 TO 12, ALDERSGATE ST.
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